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The Organ of the Provision and Meat Industries of the United States.

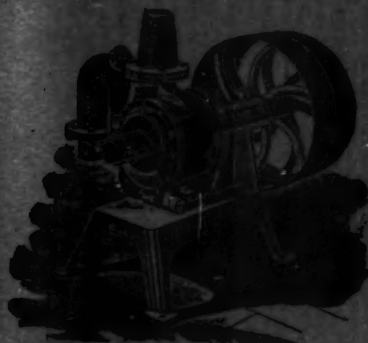
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Oils, Fats, Blood, Glue, Soap, Etc.

Put in on Positive Guarantee and
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PORK AND BEEF PACKERS AND LARD REFINERS.



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Manufacturers of the famous brand "PURITY" Lard.

Goods for Export and Home Trade in any desired package.

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12 to 17 lbs.	2.25
9 " 12 "	1.80
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BUILDERS OF Refrigerating and Ice Making Machinery.

REMINGTON,
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Machinery.

ICE PLANTS by both the CAN and PLATE Systems.
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ARTIFICIAL ICE, REFRIGERATING AND COLD STORAGE PLANTS.

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We Make a Specialty of COLD STORAGE AND REFRIGERATION
FOR BUTCHERS AND PACKERS.

PROSPECTIVE CIRCULARS, REFERENCES, DETAILED ESTIMATES and INFORMATION FURNISHED ON APPLICATION.

SEE PAGE 2 INDEX TO ADVERTISING

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HAMMOND, IND. AND SOUTH OMAHA, NEB.

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DRESSED BEEF, SHEEP AND HOGS

MAKERS OF "CALUMET" BUTTERINE ESPECIALLY ADAPTED FOR SUMMER USE.

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HAMS AND BACON, LARD, Etc., Etc.
HAVE NEVER BEEN EXCELLED.

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Boston Branch, 54 Chatham Street,
Chicago Branch, 244 Lake Street.

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Cottonseed Oil Mill
AND Linseed Oil Mill

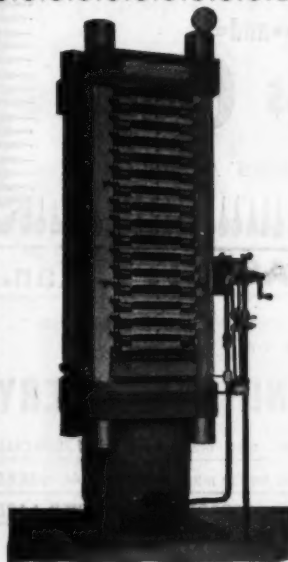
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OF ALL KINDS.

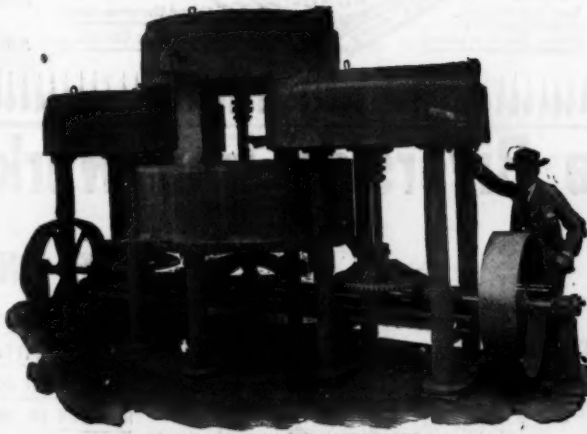
Rolls, Pumps, Molds,

The Most Perfect System
of Pressure Application.

The Very Latest Improvements
and the Very Best.



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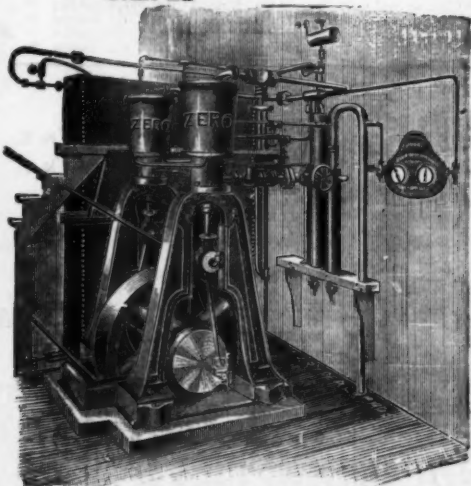


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SIMPLE

Factory: DERBY, CONN.
Refrigerating and Ice Machines for all purposes, of the most
Improved kind from one-half to 25 ton capacity.

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Style of a 4 to 20 ton machine.

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Gentlemen: Your inquiry in regard to my refrigerating machine at hand. I can say that it has given me perfect satisfaction. During the summer months I run it from 7 A. M. until 7 P. M. all week days except Saturdays, on which day I run it until 11 P. M., as I close my market at 12 o'clock midnight. I do not run it on Sundays. From Saturday night until Monday morning the temperatures in the coolers raise from one to two degrees. One of your best improvements is your storage system, and I would not consider any refrigerating machine for a retail market complete without it.

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ZERO Refrigerating
Machine Co.

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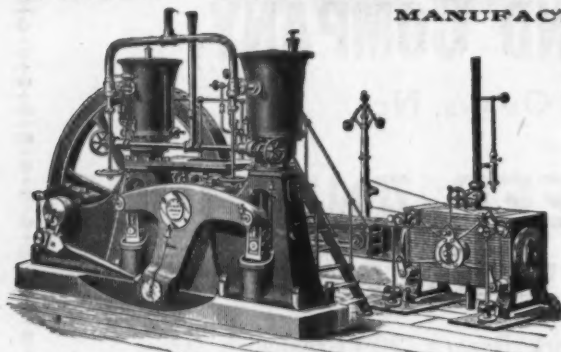
Style of a 1/2 to 4-ton machine.

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ECONOMICAL

THE EDW. P. ALLIS COMPANY,

MANUFACTURERS OF

Correspondence Solicited.



Hercules and Reliance

Refrigerating Machinery.

FOR PACKING HOUSES, MEAT MARKETS, PROVISION STORES, Etc., Etc.
Machines of Any Desired Capacity from 1 Ton to 500 Tons.
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Machine made?
We have it!



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in Quality
and Price.

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for Information
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If you wish
to lead the procession
Give us your Order.

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Machines—One
to 500 Tons
Capacity.

Ice Machines

and

Corliss Engines

WRITE FOR PRICES
AND 64-PAGE
BOOKLET.

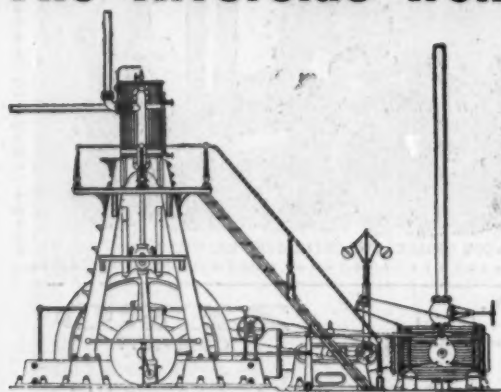
SMALL MACHINES FOR BUTCHERS A SPECIALTY.

The Riverside Iron Works Co. KANSAS CITY, Kan.

MANUFACTURERS OF

ICE AND REFRIGERATING MACHINERY

of any Size or Capacity, on the Compression Principle, also Manufacturers of SPECIAL AMMONIA FITTINGS which are superior to anything now on the market. MANUFACTURERS OF PACKING HOUSE MACHINERY OF ALL KINDS. The ROBERTS HOG SCRAPER, LARD ROLLERS IN ONE PIECE.



150 Ton Refrigeration Machine.

We contract for the EQUIPMENT OF COMPLETE PLANTS, either for Ice Making, Cold Storage, Packing Houses or Breweries.

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St. Louis Ice and Cold Storage Co., St. Louis, Mo.	1	70-ton	Ref.
Kansas City Ice and Cold Storage Co., Kansas City	1	70-ton	"
Reid Bros. Packing Co., Kansas City, Kan.	2	70-ton	"
Omaha Brewing Association, Omaha, Nebraska	1	75-ton	"
Kansas City Ice and Cold Storage Co., Kansas City, Mo.	1	100-ton	"
Kansas City Ice and Cold Storage Co., Kansas City, Mo.	1	150-ton	"
Ryan & Richardson, Leavenworth, Kan.	1	100-ton	"
Jacob Dold Packing Co., Buffalo, N. Y.	2	50-ton	"
Jacob Dold Packing Co., Kansas City, Mo.	1	70-ton	"

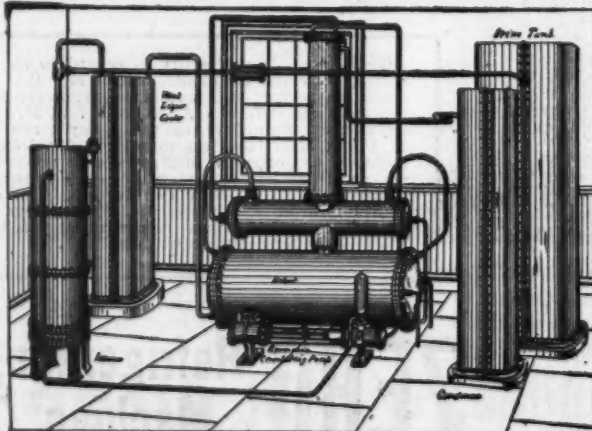
Simplest. Best. Lowest Price.

CONDICT ICE-MAKING OR REFRIGERATING MACHINE.

Uses Less Fuel, Than Any
Uses Less Water, Other System

BUILT BY
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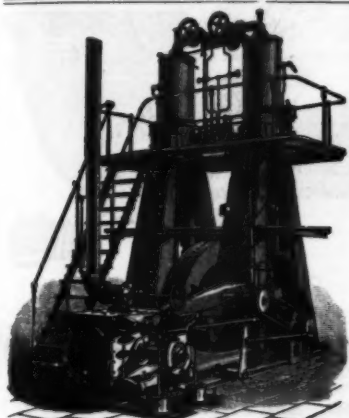
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KANENBLEY BROS., Provisions,
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STORAGE CO., General Cold Storage,
Trenton, N. J.
PETERSBURG CRYSTAL ICE CO.,
Mfg. Ice, Petersburg, Va.
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Utica, N. Y.
OOKE BROS., Oil Works,
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ESTABLISHED 1853.
INCORPORATED 1885.

Capital, \$1,000,000.

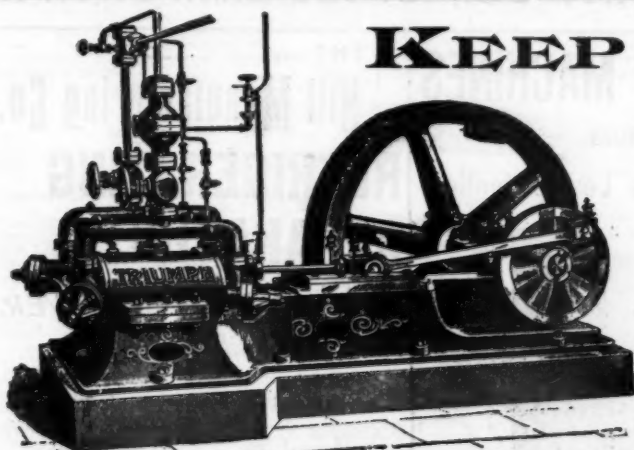
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Manufacturers of the ECLIPSE ICE MAKING AND REFRIGERATING MACHINES. We build the largest and most successful Ice Making and Refrigerating Machinery made in this or any other country. Send for our list of References and New Ice Machine Circular for 1896, describing latest improvements and methods for Making Ice and Refrigerating. Also builders of First-class CORLISS STEAM ENGINES. Send for Corliss Engine Circular, 1896. Special High Speed (New Pattern) AUTOMATIC STEAM ENGINES. Send for High Speed Engine Circular, 1896.

Corliss Steam Engines. Ice Making Machinery.

High Speed Engines. Steam Boilers.

**Frick Company, WAYNESBORO,
ENGINEERS, FRANKLIN COUNTY, PA.**



KEEP COOL!

The Triumph Ice Machine Co.

MANUFACTURERS OF

**REFRIGERATING
AND ICE MACHINERY**

WE KNOW HOW

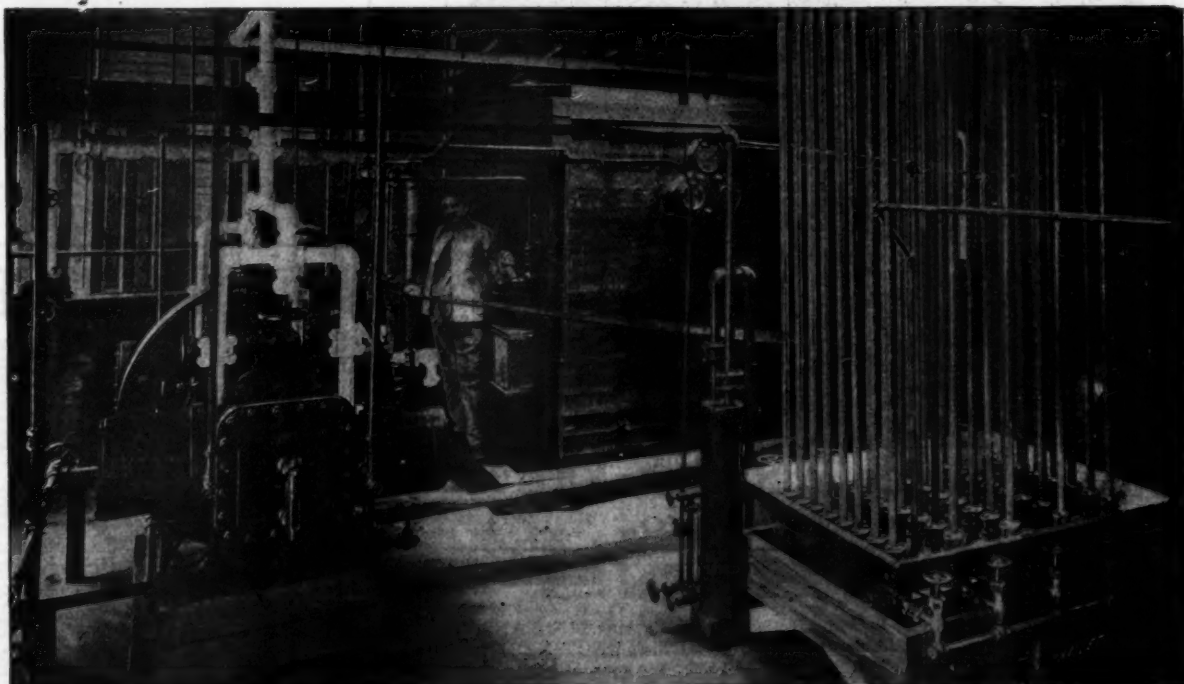
Estimates for Complete Plants
furnished on application.

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Office and Works,

610-616 Baymiller Street,
859-869 Hathaway Street,

CINCINNATI, OHIO.



Last week this space contained a cut of the meat room of the Cook County Hospital, Chicago, Ill., and referred to the new refrigerating plant which had been installed. The above shows it fully. The compressor is belted from the small engine in the back ground and hides the brine pump which is near the brine tank. The Condenser is of the vertical evaporative type, economical of water and easily handled. Such a plant is efficient, durable and convenient.

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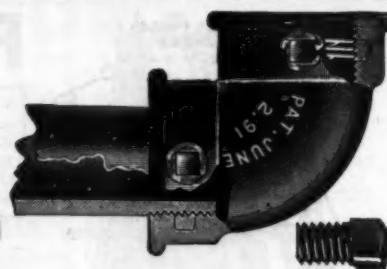
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MALLEABLE IRON

AMMONIA FITTINGS



For ICE & REFRIGERATING MACHINES

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AT MODERATE PRICES.

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WANT AND FOR SALE ADS CAN BE FOUND ON PAGE 45.

THE....

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**NO MOTIVE POWER.
NO SKILLED LABOR.**

Have on Hand for Immediate Delivery
Continuous System 1, 2 and 4 Tons Capacity.
Intermittent System, 125, 350, 500
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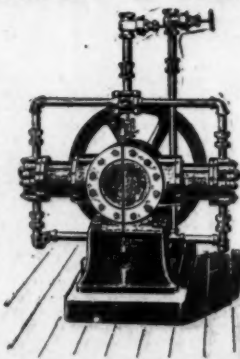
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A SPECIALTY



For COLD STORAGE, CREAMERIES,
MEAT MARKETS, Etc.

Consulting Engineers and Contractors

FOR ICE MAKING AND REFRIGERATING
MACHINERY.

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Jacob Leover
Walter Milson
Maury, F. W. & Co.
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Nate & Johnston
Putney, Daniel, & Co.
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Sterling & Hunt
Geo. C. Thos. Thos.
Treadwell & Co.
Taylor's Sons, Geo. F.
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Wood & Roberts
H. G. Zahn
Zimmer Bros
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American Cotton Oil Co.
Globe Refining Co.
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H. E. & F. (G'mny)
Johan Koopman (Holland)
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Tieckle, W. W. (Eng.)
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Lederer Bros.
Lederer Bros.
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Glass.—Lisler, Jos.
Graphite Paint.—Jos. Dixon Crucible Co.
Heaters.—Stewart Heater Co.
Ice.—Scott, R. & W.
Ice Boxes, Dutchers, Fixtures and Supplies.—
W. A. Banta
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Atlantic Refrigerating Co.
Allie Co., The Edw. P.
Rusale Refrigerating Machine Co.
Barber, A. H. & Co.
Creamery Package Mfg. Co.
De La Vergne Refriger. Machine Co.
The Frick Co.
Hendrick Mfg. Co.
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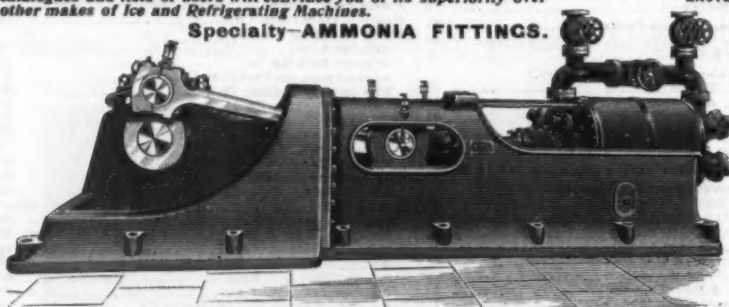
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We certainly did not underestimate in our last issue the difficulties Sir Wilfrid Laurier would have to meet with in his endeavors to negotiate for reciprocity between the United States and Canada. The Canadian officials left Washington on the morning of the 17th of November. They have undoubtedly enjoyed a few days of most agreeable social entertainments in the beautiful Capital City on the Potomac, and their parting was not less cordial than their reception had been. But as to the success of their journey, all they took home was the exchange of hopes for a possible understanding in the future. The present, however, brought in fact only complete failure of their mission in every line but the social one.

OUR EXPORTS.

The foreign trade returns for October, 1897, have been published by the official statisticians during this week. In general they present a very favorable total for the United States, for the ten months of this calendar year 1897 show total exports of \$858,030,691, and total imports of but \$638,734,259, leaving an excess of exports of \$219,296,432. The same period in 1896 gave totals of \$779,578,476 in exports, \$572,555,608 imports and an excess of exports per \$207,022,868, fully \$12,273,564 less than this year. If the movements in bullion, ore and coin are considered, the balance of trade in our favor rises to about 245 millions in the ten months of this year, against only 201 millions in the same period of the previous year. Even after deduction of the very large sums (estimated to be about 145 millions a year) needed annually for interests on foreign loans, for freight charges, etc., there would remain for ten months in this year a clean credit balance of not less than about 125 millions in our favor, as against 81 millions in the same period of the previous year.

But while the total presents itself to such advantage, the trade in which "The National Provisioner" and its patrons are mostly interested, unfortunately did not share at all in the favorable development. We publish in another column of this issue the detailed figures about the exports of leading articles of provisions, both as to numbers and as to value, for the ten months ending October in this and the preceding year. It appears, for instance, that the export of salted beef this year hardly exceeded 50 per cent. in numbers, and still less in value, of all exports in the same months of last year; that the export of tallow represented but about 60 per cent. and that of canned beef products only about 75 per cent. of last year's exports. In fact, bacon only exhibits some gain of importance, hams and dairy products show slight increases, while nearly all other provisions enjoy the poor distinction of a quite remarkable decrease in numbers. It is true that in reference to the value of the exported products the total for the ten months of this year show an increase of \$5,500,211 over the total of the same period in the year 1896. But the increase in the value of bacon alone was very much larger than this total increase, \$31,838,088 in 1897, against \$24,840,667, representing 465,039,671 and 349,885,674 pounds respectively. The influence of the price on the total value is most remarkable with our poor unfortunate lard, which was exported in ten months of 1896 to a total quantity of 402,861,490 pounds, representing a value of \$23,148,851, while 426,229,792 pounds of lard exported in the same period of 1897 represented only \$22,026,223 in value.

While American courts, as usually following the drift of public opinion, take a more and more decided stand against boycotts, our brethren in Great Britain appear to indulge still in that interesting phase of modern commercial warfare. We understand that the wholesale butchers of Glasgow, for the purpose of fighting the old co-operative Wholesale Society organized lately as the Fleshers' Trade Protective Society of Glasgow, have given notice to shipowners that after Dec. 1 next they will refuse to purchase live stock if carried from the United States and Canada by vessels which carry for non-members of their Fleshers' Society. But we also understand that nobody will take notice of this threatened boycott. Certainly not the steamship companies, who, as common carriers, cannot refuse to receive freight from anybody at the dictation of other parties. The whole incident would indeed hardly deserve notice if it were not such a curious instance of "bluff" threats in business.

"MADE IN THE UNITED STATES."

The industrial supremacy of this country is as much as virtually admitted by Great Britain. Her statesmen are endeavoring to protect home manufacturers against legitimate American competition by preventing English buyers from knowing where goods superior to their own can be obtained. Having invaded the English home and colonial markets we have established our right to the position we hold by supplying manufactured and other products whose superior quality could not fail of recognition. American products of all kinds have displaced those of England in many quarters of the globe, and it is frankly admitted by honest Englishmen that more attention to local requirements on our part, superior finish, lower price, more careful packing and the omission to make special charges therefor, cheaper freights, and more rapid communication have all contributed to our conquest of the markets of the world. The absurdity of claiming, as some Englishmen do, that American workmen are not so exacting as to hours of labor and work longer than the Englishman is apparent, for while there may be less interference with the conduct of business affairs on the part of American trades unions, the wages and hours of labor of the American workman, more through natural conditions than through organization, are decidedly better than those of the English. The fact that we have conquered is not due to any exploitation of labor, but simply to the efficiency of the workman's labor, the larger use of improved machinery, and the businesslike methods everywhere employed. Now that England finds herself at a disadvantage she seeks a check upon the advance of her industrial rivals, having appointed to inquire into the operation of the merchandise marks act, a committee of her statesmen whose recommendation is that the name of the country of origin be omitted hereafter in the required specifications of foreign goods, and that commodities not of English origin be simply stamped "Made Abroad." The purpose in view is plain and cannot be concealed. It is interesting to reflect, and it is a noteworthy fact, that originally the law which compelled specification of the name of the country of origin was designed to protect British manufacturers against fraud by the sale of foreign merchandise as English. Our friends across the pond were then so sure of their superiority that they compelled dealers to mark their foreign goods "Made in America" or "Made in Germany," as the case might be. These marks having become badges of merit England seeks to suppress them. Could there be a more illogical or unfair law than one prohibiting exporters from indicating the origin of the goods they sell? How would some of our packers feel if they could not indicate the origin of their hams, bacon, etc., having expended thousands of dollars in establishing a reputation for their products? England should have the courage to adopt some system of protection or else face all the consequences of freest competition.

The importance of the proper disposal of condemned meat is such that a description of the methods adopted in "the largest city in the world" may be of interest. London disposes of its condemned meat in a thoroughly efficient and satisfactory manner. It is first slashed with knives to render its appearance unlike meat for market, then it is thrown into a bath and treated with chloride of calcium and soda and afterward with sulphate of iron, which renders it black, unsightly, and nauseous. It is by this time a pulpy mass of decomposed tissue almost beyond recognition. It is now treated with picric acid, which

turns it a bright yellow. At this point the city authorities have done with it and it is given over to the contractors, who remove it to some works at Bow, where, in jacketed pans, it is boiled down for the fat, which is sold to candle and soapmakers. The bones are collected and sorted, the smaller and worthless ones are reduced to powder, which is sold for phosphates. The residual liquor, which is a thick, yellowish, brown fluid, is used as a fertilizer. In 1896 there were 915 tons of meat condemned, and the city received from the contractors over \$10,000 for the material.

The practical Yankee sense of some of Maine's citizens has evolved a scheme by which to dispose of the spare ribs and other delicate lean parts of a hog that can neither be salted nor smoked with profit to the owner. When a porker of about 300 pounds is killed the family owning him have about 50 pounds of such parts and ordinarily they would have to peddle it out or give away most of it or have it spoil on their hands, so that in order to avoid this say ten neighbors will organize what is called a fresh pork club. Whenever one of the ten kills a pig he divides the lean tidbits into ten parts of five pounds each and sends each of the other nine members one portion, keeping the tenth portion himself. In this way, by judiciously timing the killing, the members of the club have all the fresh pork they care to consume during the winter. It is said that there are over 1,000 such clubs in Maine, which would mean that over 10,000 families are supplied. How's that for sensible economy.

Combination and concentration being the order of the day, the tendency of the times being to establish trusts and monopolies with which to crush out competition and maintain false high prices, we are now informed that the Coal and Ice Dealers' Retail Association has been organized for the purpose of forcing the trusts and wholesalers to be more just than they have been in the past in dealing with the retailers, but may it not be possible that the new association will lose sight of this purpose and keep up the price of ice in summer and of coal in winter, dividing the profits the year round on the basis of the aggregate annual extortion on both commodities? To maintain a stiffer price for ice would work something of a hardship to the small butcher, increase the price of meat to the consumer, and be a source of dissatisfaction to wholesale meat dealers.

Pure food is as necessary to health and longevity as pure water and pure air, and all movements toward securing it are both timely and judicious. Happily, meat cannot be adulterated, though of course it may be bad, but other food products, such as olive oil, lard and butter, are frequently tampered with. The Massachusetts Board of Health recently made a report on this subject, which reveals the fact that the largest percentage of adulteration is in drugs, 50.3 per cent., milk being next, with 35.2 per cent., while in food in general the adulteration amounted to 11.6 per cent. Another report on this subject comes from Pennsylvania, where the Department of Agriculture has discovered that many creameries are using an emulsion of cottonseed oil, which, added to the cream, increases the butter product per gallon of milk, with small chance of detection and a large increase of profit.

Germany, it seems, is beginning to realize that she cannot get along without American meat, which her authorities have been trying to boycott. It hardly pays to "bite off one's nose to spite one's face."

PROVISIONS AND LARD.

WEEKLY REVIEW.

All articles under this head are quoted by the lb., except lard and hogs, which are quoted by the cwt., and pork and beef, by the bbl. or tierce.

FEWER HOGS ARRIVING—RATHER MORE CONFIDENCE OVER THE PRODUCTS—ACTIVE CASH DEMANDS—SPECULATION STILL RESTRICTED.

There has not been so heavy a rush forward of hogs this week, and for the first time in a week or so the supplies have at times been under estimates, while in the first half of the week they ran under the total number received for the corresponding time last year; while if this order of supplies continues for a few days there will be pulled down the total receipts for the new packing season thus far to equaling but little more than those of last year for the same time. There had been a feeling that in consideration of the way the hogs had been piling in latterly at all of the Western marketable centers that it was altogether probable that the supplies of hogs were likely to run much ahead of those of last year right along through the winter packing season. Indeed, it may yet turn out that the small falling off in the receipts is only of a temporary order, and that it has been occasioned more by the decline in prices for the swine that had taken place in the previous week; that the intermitted shipments may prove only as the result of a belief on the part of the farmer that reactions are possible, and that the late figures are not calling for especial anxiety on their part in marketing the animals. There have been slight reactions in prices for the swine at times through the week, and as brought about by the falling off in the offerings. It looks as though the supply of hogs through the remainder of the packing season would be in excess of the previous year, and that they would come forward more largely in good order than recently at least, as feed stuff is cheap enough, while the farmers, with the latter consideration will also as well make a determined effort to keep their prices up, although the packers had been able a few days since to get them down to more closely approximating values of the products. The hogs arriving are steadily of heavier average, and there is little talk now of their being made up considerably of pigs and light average pork, while the hogs back in the country are undoubtedly more largely of good, desirable quality.

It is hardly thought that the loss by disease this year has been at all larger than in any recent season taken altogether, although there were probably sections where more disease prevailed than usual, and over which there was increased alarm, giving at one time impressions of more widespread trouble that way than was justified by actual developments. The average weight of hogs in Kansas City last week was 212 lb against 206 lb the previous week, and 224 lb same week last year. The products had turned to little stronger prices on the diminished receipts of hogs, and their better prices, but it is very doubtful if the strength is more than temporary. If supplies of hogs should come forward as freely as noted a few days since, and which is altogether probable, the products could very likely be marketed except at declining prices, while any little effort of the packers to sustain the prices of products, and which has been noted recently, would hardly be carried along, particularly as they are not able to get out liberal lines of December and January stuff in the very tame temper of the outside crowd; they would probably let the market go by its own weight and look more after taking in the hogs at a decline. There is a sentiment here and there that prices of the products are low enough, but that has been held any time within several weeks, and does not now mean much if the support of the position must be left wholly to packers and they to find it impossible to excite a buying interest among the outsiders for the options, or a supply of hogs to take their chief attention. Even the January option is now looked upon with distrust by the miscellaneous operators, and except as the packers themselves have traded in it, little speculation has been going on. Yet there is no question but that cash demands for essentially everything in the list are wider and decidedly satisfactory, and that they are making some inroad upon accumulations, notwithstanding the large productions. More general distributions to the South and somewhat better export demands have prevailed. Last week about 22,000 tcs. lard went out of Chicago, while the shipments of hams thence were equal to 12,500 tcs. There were 100,000 pieces sides shipped to the South. But there is no prospect of the markets making a decided permanent improvement until the hog supply in the country is further forward. It looks as well as though it would take some time to get in on outside sentiment over buying, even when the packers began to feel more concerned over getting higher prices for the products than keeping the

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prices of hogs down. The country does not seem ready to take hold speculatively of any commodity just now, with its enthusiasm dampened after the setback to their views in grain, as well as provisions, and there are no indications that the near future will change the drift. There has been upon some days of the week some little buying of the options by the larger packers, with Armour and Cudahy especially raiding in at times for fair-sized lines of January stuff. The English houses have also had more disposition to take hold. But there were other packers as well as outsiders ready to meet the improved demands at any slight advance made. The various small changes in prices leave the prices from week to week showing very little change, no matter how frequent the fluctuations. There has been more business this week from the English market in both lard and meats, more for special cuts of the latter, and the Continent has had a fair number of orders to the West for meats; while showing a trifle more interest in refined lard. The general shipments of lard and meats are large, and on the whole the packers do not feel that they have any reason for complaining over the distributing business. The stock of lard in New York Nov. 15 was 11,333 tcs., of which 10,105 tcs. prime-306 tcs. off grade and 922 tcs. stearine; total 11,333 tcs. against 10,832 tcs. Nov. 1, and 10,658 tcs. Nov. 15, last year.

The Cincinnati Price Current reports the packing for the week as 430,000 head, against 425,000 head corresponding week last year. In beef there has been some coming down in the prices latterly, but notwithstanding the easy figures the English shippers can hardly be brought to consider important buying. There have been offers to sell the best grades of city India mess at \$15, with refusals sent out at that price, and not thus far accepted, and that price is high enough to quote outside of the holding rate of a few fancy brands, which have an arbitrary price up to \$15.50@\$16. The lower grades are quoted at \$13.50@\$14. The export markets could hardly expect more favorable rates and with their small stocks it is puzzling to the trade here that freer buying does not come about. In barreled beef a moderate distribution is going on at a firm line of prices, with mess at \$8@\$8.25; packet at \$8.75@\$9.50; family at \$10.25@\$11.25. For beef hams a depressed and dull market, with \$22 quoted for large lots here.

Exports from the Atlantic ports last week were: 2,670 bbls. pork; 14,914,031 lb meats; 13,508,363 lb lard; corresponding week last year, 6,142 bbls. pork; 10,539,796 lb lard, 17,320,485 lb meats. Chicago shipments last week were: 9,433 bbls. pork; 8,858,460 lb lard; 19,715,551 lb meats; same week last year, 5,564 bbls. pork; 9,704,252 lb lard; 18,316,008 lb meats. On the previous Saturday

trading was very slack all around. There was not much liquidation, yet a few shorts were further inclined that way; although somewhat doubtful of further very material concessions; but their movements directed more to any scalping for small profits. There were some good buying orders at slightly under the market. There were liberal shipments taking place of meats and lard, and the cash demands were good and general. There were then expectations that the current week's receipts of hogs at Chicago would reach 190,000 head, and for Monday last was 43,000 head. But Monday showed receipts of hogs at Chicago as 46,000 head, and at all Western points as 73,000 head, with prices at Chicago 5@10 lower. Yet the corresponding day last year had larger receipts, or 56,500 head at Chicago, and 88,700 head for the West. The Chicago market for the products opened Monday 7 lower on pork, 5 points on lard and 2 points on ribs, and closed for the day at a decline of 12@15 for pork, 7@10 points for lard and 7 points for bacon. The weakness was wholly on the full receipt of hogs. The packers throughout stood in as free sellers and found a slow response of buyers. The only support even at the concessions came from a few large operators, who when buying to cover found the market put against them a little as compared with the easier drift of the general situation. On Tuesday the receipts of hogs at the West were 63,000 head, of which 27,400 head at Chicago, against corresponding day last year 76,300 head, at all Western points, of which 29,200 head at Chicago. The products opened lower, with a good deal of long stuff coming out. But at the inside figures there was liberal buying by Armour, Cudahy and the English packers, and a reaction came about. The liquidation of the December option seemed to be pretty well over; while it was considered that with the large cash demands, and the stocks being reduced that the weakness was well eliminated. On Wednesday the receipts of hogs at the West were 74,000 head, including 29,000 head at Chicago, where prices averaged 5@10 higher; last year, corresponding day, the hog receipts were 70,900 head, of which 31,700 head at Chicago. The products opened 7@10 higher on pork, 2½@5 points on lard and 2@5 points on ribs, and closed at 10 advance for the day for pork, and 5 points for lard and ribs. The advance was started by the fact of fewer hogs received than had been looked for, which encouraged a little local buying; there were not many demands from outside sources. Wolf was buying January lard at 4.30 and the Cudahy Packing Co. was reported as buying ribs and selling lard. On Thursday there was a further slight hardening of tone after an opening decline of 2 on pork, and 2 points on ribs and lard, while the later dealings were at an advance of 7@10 for pork, 2 points for lard, and 5 points for ribs. There was not especial life to trading, but the hog supplies were not especially burdensome, while there was some sympathy with stronger grain. There was a little local buying, but not much from outsiders, while the packers were not as freely interested in taking up the more reserved offerings of the December and January options. The receipts of hogs at the West were 70,000 head, including 30,000 head at Chicago, with the prices steady to a shade lower; last year, same day, receipts of hogs, 49,600 head at the West, of which 26,000 head at Chicago. The fluctuations in prices for the several days of the week are as follows: On Monday, at Chicago, pork: November closed at 7.20 nominal; December opened at 7.25@7.27, sold to 7.30, back to 7.20, closed at 7.22; January opened at 8.27, sold to 8.32, back to 8.25, up to 8.30, down to 8.20, closed at 8.20@8.22. Lard: November closed 4.12

nominal; December opened at 4.15, was 4.17 bid, declined to 4.10, and reacted to 4.15, closing at 4.15; January opened at 4.27@4.30, sold to 4.32, declined to 4.25, closing at 4.25 bid; May opened at 4.47, sold to 4.50, declined to 4.42 bid, closed at 4.42@4.45. Ribs: November closed 4.20 nominal; December opened at 4.27, sold to 4.30, declined to 4.22 bid, and then to 4.20, closed at 4.20 asked; January opened at 4.27 bid, sold at 4.30, fell back to 4.22, closed at 4.22 asked. In New York West steam lard on the spot was 4.52½, city steam at 4.20 bid and 4.25 asked, and sales of 140 tcs. Refined at 4.75 for Continent, 5.15 for South American, 6.25 for do, kegs. Compound lard at 4@4½, 800 pickled shoulders at 5½@5¾; 1,400 pickled hams at 7½@7¾; 11,000 lb pickled bellies at 6¾ for 12 lb average, 6¾ for 14 lb average, and 7 for 10 lb average; 200 bbls. mess pork sold at \$8.25@\$9. Hogs at 4½@5½, and 5½ for pigs. On Tuesday, at Chicago, pork: November closed at 7.22 nominal; December opened at 7.22, declined to 7.15, rallied and sold to 7.25, closed 7.22 bid; January opened at 8.22, fell off to 8.12, sold up to 8.25, back to 8.20, closed at 8.20 bid. Lard: November closed 4.12 nominal; December opened at 4.12, eased to 4.10 bid, sold up to 4.15, closed 4.12 bid; January opened at 4.25, sold to 4.27, back to 4.22 bid, up to 4.27, closed at 4.25@4.27; May opened at 4.42, sold to 4.45, closed at 4.45. Ribs: November opened at 4.30, sold at 4.27, closed at 4.27; December opened at 4.17 bid, was at 4.20 asked, and then at 4.17 closed, 4.17 bid; January opened at 4.12, sold up to 4.22, was at 4.20 bid, closed at 4.20@4.22; May opened at 4.40, eased to 4.35 bid, then at 4.32, closed at 4.32@4.35. The New York market showed changes only on Western steam lard, which was quoted at 4.45@4.47. On Wednesday at Chicago, pork: November closed at 7.32 nominal; December opened at 7.32, declined to 7.25, sold up to 7.35, back to 7.30, closed at 7.32 bid; January opened at 8.27, eased to 8.25, sold up to 8.35, back to 8.30, closed at 8.30 bid; May opened at 8.55, sold down to 8.50, closed at 8.55 nominal. Lard: November closed at 4.17 nominal; December opened at 4.15 bid and 4.17 asked, sold at 4.15 up to 4.20, closed at 4.17 bid; January opened at 4.30, eased to 4.27, sold up to 4.32, closed at 4.30@4.32; May opened at 4.45 bid, sold to 4.50, closed at 4.47 bid. Ribs: November closed at 4.22 nominal; December opened at 4.20, sold at 4.22, closed at 4.22 bid; January opened at 4.25, eased to 4.22, advanced to 4.27, closing at 4.27 bid; May opened at 4.35 bid, sold at 4.35@4.40, closed at 4.40. New York market that day showed Western steam on the spot on offer at 4.50; sales of 75 tcs. city at 4.25. Compound lard quoted at 4@4½; refined for the Continent at 4.75; South America at 5.15; do, kegs, at 6.25. There were 100 bbls. mess pork jobbed at \$8.25@\$9. Of cut meats the city cutters placed 16,000 lb pickled bellies at 6¾@6¾, for 12 lb average, and 7 for 10 lb average, with 14 lb average quoted at 6¾; there were 2,400 pickled hams sold at 7½@7¾, and 500 pickled shoulders at 5¾; hogs at 4½@5½. On Thursday, at Chicago, pork: November closed 7.35; December opened at 7.30, sold at 7.27 up to 7.40, and closed 7.35; January opened 8.27, sold at 8.30, down to 8.25, up to 8.35, closed 8.30 bid; May opened at 8.55, was 8.52 asked, up to 8.57, closed at 8.55 nominal. Lard: November closed 4.17 nominal; December opened 4.15@4.17, sold to 4.20, closed 4.17 bid; January opened at 4.30, was 4.27 bid, closed at 4.30@4.32; May opened at 4.45, was 4.47 bid, closed 4.47 asked. Ribs: November opened at 4.32, closed 4.25 nominal; December opened at 4.22, sold at 4.27, closed at 4.25; January opened at 4.25, sold to 4.30, closed at 4.27 bid; May opened at

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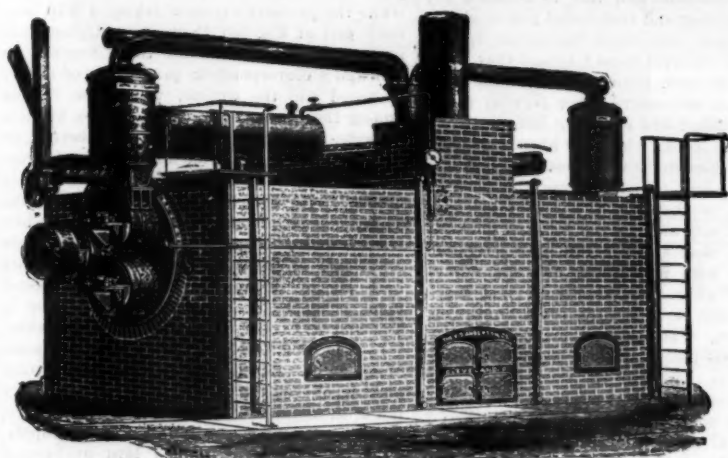
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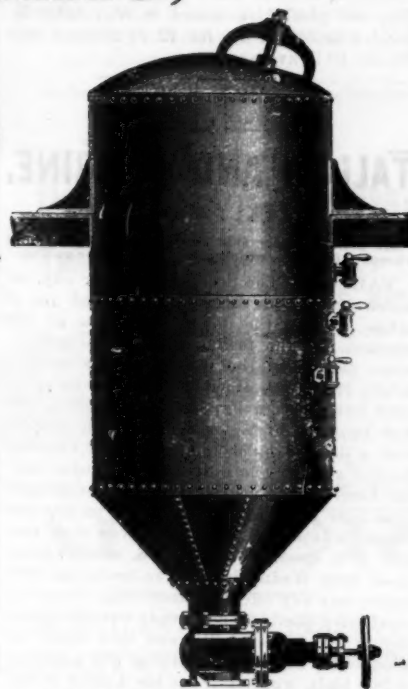
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4.37 asked, sold to 4.42, closed at 4.40. In New York, Western steam on the spot at 4.55; sale of 40 tcs. city at 4.25; refined at 4.75 for Continent; compound at 4@4½. Of Continent sales of 1,200 pickled hams at 7@7½; 800 pickled shoulders at 5½; 8,000 lb pickled bellies at 6½ for 12 lb average and 6½ for 10 lb average.

(For Later Report See Page 42.)

TALLOW AND STEARINE. WEEKLY REVIEW.

All articles under this head are quoted by the bl except animal oils, which are quoted by the gallon.

TALLOW.—The decline to 3½ for city, as noted in the previous week stopped for a while at least the downward course of the market, and the feeling then on the part of some portion of the trade that the market might yield to 3, at which there would probably have been a large export business, has had by force of better conditions in Europe and a decided quickening of export demand here to give way to a decidedly stronger feeling here. While nearly all of the large business done here early in the week in city for export was at 3½, yet there was then one sale of a special lot at 3 3-16, while at the close upon Wednesday it was becoming difficult to buy any offerings under 3½. The principal sales of city in hogsheads were on Tuesday of 400 hhds. at 3½, and then again on Wednesday of 500 hhds. at 3½; this quantity of 900 hhds. was taken for the United Kingdom. Other sales since our previous report were 100 hhds. city (Saturday last) at 3½, for England; 100 hhds. city on Monday at 3½, also for England, and on Tuesday 50 hhds. city, for France, at 3½, and 50 hhds. to the home trade at 3½, while on Wednesday an additional sale of 50 hhds. city, special brand, was made at 3 3-16. This makes the sales since our last weekly review up to the close of Wednesday night, or for four days, fully 1,250 hhds., all at 3½, but 50 hhds., which was at 3 3-16, and forms the most important trading in many weeks. There will be other sales before the close of the week, the report of which will be found further along in this article. But the fact that the sharp coming up of export trading has taken up all of the fresh made goods that had accumulated for several weeks in the hands of one melter and drawn closely upon other offerings, had helped to the improved feeling which developed upon Wednesday's market. But beyond this, as bringing about increased strength, was the report of the London sale on Wednesday, which showed 6@9d. advance. It is understood that the 900 hhds. city sold, or the lots of 400 hhds. and 500 hhds., both go to a large English soap house, while they were sold by one melter. Cable reports from Australia on Wednesday were that the markets there were stronger and advancing, and based upon reduced supplies. The reports from London had quoted the shipments from Australia for the month of October as very fair in volume, or 4,000 tons. But England is using up its recent liberal accumulations of tallow steadily as the prices are encouraging for free buying, and it has been disposed to figure upon the New York market at the current rates, although it is doubtful if it responds to some of the stronger views now entertained, as

with the close of Wednesday's market, with of freight room would tend to quiet the situation. But a load has been taken off the market by the absorbing of the accumulations of city referred to, and that fact invites holding to see how demands shape. Home buyers and, in a limited way, the shippers will now pay 3 3-16, but no large lots would be taken up at that price. The country made parcels are coming in very moderately, but the soap trade here are piecing out with these supplies, while holding very fair accumulations, and they will respond slowly to any improved figures, although naturally holders' views over country made will become firmer with the development over city. There have been sales of country, in lots, for the week of 275,000 lb at 3@3½ for common and fair to 3½@3¾ for prime, while now and then small lots of choice reach 3½, and even more money on special wants. It is reported from Chicago that there has evidently been some business done with New York in shipments hence to that point, although nothing had come out here until the middle of the week, when 100 hhds. city were taken for shipment to the West at 3½, but it would also seem probable from the position of the two markets, in the recent price of 3½ here for city and 3½ bid for best packers' at Chicago, that another 100 hhds. city had been taken here last week, as rumored, at 3½. There were also taken here last week 200,000 lb city, in tank cars, for a Southwest soap concern. The Chicago market has had sales of 2,000 tcs. of its best packers' at 3½, and is firm at that, with the supplies there by no means burdensome, and a disposition to buy by the soap trade; also 750 tcs. No. 2 sold there at 2½. Quotations there are 3½ for best packers', 2½@3 for No. 2 ditto; 3½@3¾ for No. 1 city renderers', 3½@3¾ for No. 1 country and 2½ for No. 2 ditto. It is calculated that the stock of city in New York is now hardly above 2,200 hhds., as the shipments to the West have been made by one large melter who has also been a steady seller latterly, and his accumulations are closed out, while the other large melter had done the large trading for export above noted, to pulling down his holdings, and whatever is held in his hands.

On Thursday, in New York, the 200 hhds. city that go in on contracts weekly went on the basis of the latest previous sale, or at 3 3-16, and the market is now 3 3-16 for city, at which a little can be had, but most melters asking more money. A sale was also made to-day to the home trade of 50 hhds. at 3 3-16, outside of the contracts. Reports from the other side show stocks there Nov. 1 as follows: At Liverpool, 432 tons; at London, 14,168 tons; at Paris, 258 tons; total, 14,858 tons; against 22,718 tons in 1896 and 16,870 tons Oct. 1 this year. The Australian and New Zealand shipments for October were 3,943 tons, against 4,678 tons in 1896, and thus far in 1897, 46,507 tons, against 39,322 tons in 1896.

OLEO STEARINE.—The market is drifting along upon essentially the line of values of the previous week. There is hardly material call for supplies here from any source. The compound lard refiners have got their product to a comparatively low basis, but are not finding demands as yet improving, and that its general situation is suffering in sympathy with the tame export positions of all commodities. Therefore the refiners are very

careful over buying the stearine, while running along on their moderate accumulations. There is no indication that the buying of stearine on home account will get beyond in the near future the takings of just such quantities as are actually needed, while the little exhibition of export interest a few days since has disappeared. At the same time the outputs of the stearine have latterly fallen off, because pressers have felt that more money could be made out of turning the fat into stock, particularly as less is expected from the Dutch markets in the way of taking care of the oil as freely as through last and the previous month. There were 150,000 lb city taken here last week at 4 9-16, of which 100,000 lb had been reported in our previous report, since which nothing has been done, while the pressers are now asking 4 9-16, and could sell at 4½, but their accumulations are not large enough to make them urgent. In Chicago a corresponding quiet order of affairs is noted for the article, where the feeling among the pressers is that the prices are low enough and that demands had better be awaited. There are some additions to the supplies there, but so far as can be learned here no very further large holdings are made. There are sellers there at 4½, with 4½ bid. On Thursday there was a report of a sale made late in the day before of 75,000 lb city here at the decline that had been insisted upon, or at 4½, and the market here now is 4½, and in Chicago at 4½ bid and 4½ asked.

LARD STEARINE.—There has been some Western on offer here this week and further parcels offered to arrive. The refiners have taken in about 225 tcs. at 5½, delivered here, but they are not urgently in need of a supply, as their orders for refined lard are pretty well protected ahead, while there is nothing in sight of more active dealings in the refined product. The price now is about where it stood the previous week, as the supplies are not especially excessive, while the easier prices for lard do not have much consideration. There has been a moderate pressing of city, but this does not accumulate, as it is not turned out extensively, except as an export order comes along, and the smaller refiners use their own productions. It would probably be difficult to buy city under 5½. In grease stearine there has been little buying interest, while the temper has favored buyers. Yellow quoted at 3½@3¾ and white at 3½, while at Chicago yellow quoted at 3@3 1-16 and white at 3¾.

GREASE.—The little spurt to export trading the previous week which closed out several hundred tierces, as then noted, proved temporary, as there has been almost complete stagnation this week, as concerns interest of shippers. Coupled with inaction from that direction is a very tame feeling on the part of home buyers, and which is not likely to give way to more spirited conditions while the provision market generally is in the dumps. There have been some efforts to sell this week on the dullness, and which has found the necessity of taking slightly easier prices. Chicago says that it can get for the high grades of white grease close to if not the figures of the previous week, but New York finds it hard to sell except at ½ decline, and could not market much at those prices just at present. The country is not moving much of its accumulation to our market, but there are full stocks

(Continued on page 18.)

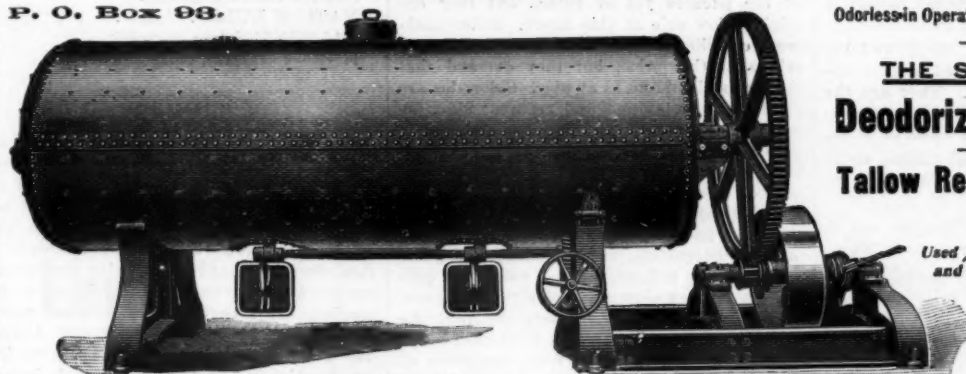
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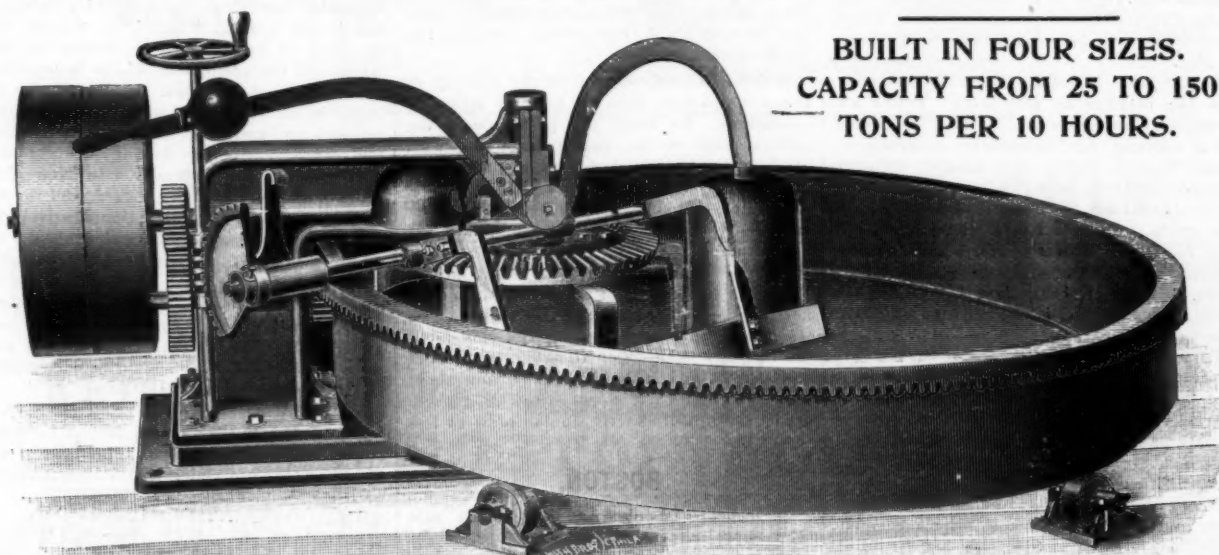
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HIDE AND SKIN MARKETS.

CHICAGO.

PACKER HIDES.—The market continues firm with light stock as the interesting factor. There are said to be accumulations of heavy branded hides. The quality of the stock is naturally not as good as it has been. Sales have been more than fair, although mainly in small instalments. We quote:

No. 1 NATIVE STEERS, 60 lb and up, free of brands, have constituted a most important factor in the market. They are the subject of much attention and selling freely. Largest sales were made on a basis of 11½¢.

No. 1 BUTT-BRANDED STEERS, 60 lb and up, are offering at 10½¢. There is considerable stock on hand.

COLORADO STEERS are inactive and in generous supply. They are quotable at 9½¢.

No. 1 TEXAS STEERS, 60 lb and up, are not in active request. Light sales and comfortably large accumulations represent the condition of this stock.

No. 1 NATIVE COWS, free of brands, 55 lb and up, continue firm at 10½¢. A more generous supply is anticipated. Under 55 lb, 10½¢.

BRANDED COWS have had a fair call, several good sales having been noted. Quotable at 9½¢.

NATIVE BULLS are well sold ahead. Some were sold for export. The ruling figure is 9½¢.

COUNTRY HIDES.—The market continues the features of last week. Prices are prohibitory and sales are generally influenced by a demand for immediate consumption. Some Eastern buyers have bought, although the prices were a hard pill to swallow.

No. 1 BUFFS, 40 to 60 lb, free of brands and grubs, have sold freely. Some stock was sold for future delivery. No. 1 stock is now offering at 10¢, and No. 2 at 9½¢.

No. 1 EXTREMES, 25 to 40 lb, are in good request; 10½¢ is the price on standard selections.

BRANDED STEERS AND COWS are offering at 8½¢ flat. There are few available and the demand is correspondingly light.

HEAVY COWS, 60 lb and up, free of brands and grubs, are quotable at 9½¢@9¼¢. Offerings are said to be closely sold up at these figures; No. 2, 9@9¼¢.

NATIVE BULLS have had some sale and have moved at 8½¢ for best selections; some stock now offering at 8½¢.

No. 1 CALFSKINS, 7 to 15 lb, continue in rather light supply. The market is in a chaotic state. Prices for country skins range from 13½¢ to 14½¢.

No. KIPS, 15 to 25 lb, show an upward tendency. They are quotable at 12½¢@12¼¢. DEACONS, 50¢.

SLUNKS, 25¢.

HORSE HIDES continue firm and steady. They are quotable at \$3.40 to \$3.50.

SHEEPSKINS.—The market is dull, in consequence of which there are some accumulations. We quote:

PACKER PELTS, \$1@1.10.

COUNTRY PELTS, 45@75¢.

PACKER LAMBS, 90@95¢.

COUNTRY LAMBS, 40@75¢.

KANSAS CITY.

HIDES.—During the past week there was a good demand for hides and the sales fully equal to the packers' slaughter. The present position of branded cows seems to be very strong indeed, and sales of 8,000 made at 9½¢. Considering that the bulk of these hides were taken off during the last two weeks of October, the price is a very good one, indeed.

November branded cows will not be shaded by some of the packers here, and, in fact, one of the large slaughterers say they do not care to offer November cows at present, evidently thinking that there might be a slight prospect of obtaining 9½¢ with a grubbing privilege. This, however, is an extreme case. But as the packer has none cured in his cellars fit for prompt shipment, he is willing to wait awhile. Texas steers are held by some of the packers yet at 10½¢, but they are mighty slow sale at this figure. Other packers are willing to offer at 10½¢, and are free sellers at this price, but they demand that the lights should go in at 9½¢. Colorados are increasing; 9¢ offered and refused; 9¼¢ demanded. Butt-branded steers are also slowly increasing; 10¢ offered, but 10¼¢ packers' ideas of value. Native cows are still very scarce. From this on until after the Christmas holidays, as usual, it may be expected that the packers' slaughter will not be so large as heretofore, as the poultry and game will cut quite a figure against roast beef during the holiday season. Under these circumstances one may pretty safely say that the decline in hides for the next four weeks will be very limited indeed. With exception of Texas, the stocks of any kind are not large, considering season of the year—in fact, a remarkable good showing. Still the prices are good—some tanners think "too good to last"—but packers point to the sales of last three weeks, and say: "All this when the Trust is not in the market. When they come in where are hides going?" But leather has not followed so far.

SHEEPSKINS.—Owing to the scarcity of sheep the packers here are not free sellers of sheepskins. To bring the prices down the pullers point to the condition of the wool market, but the packers brush such statements aside with the remark that it is only temporary, and now that the weather is cooler and plenty of space in their cellars, they are not disposed to take any lower for their sheepskins than their present asking prices. And from the outlook of the entire sheep market they seem to be justified in their course. One packer during the past week closed out his entire production of all kinds, say, about 5,000 skins, at a price that netted him about 94¢ in Kansas City. Some of the other packers refuse to sell exactly similar skins at less than \$1.

BOSTON.

The market is quiet and holders are said to be more susceptible to bids. There is not a great deal of stock offering, which has of course a tendency to sustain values, as tanners are reluctant buyers at present prices. We quote:

BUFF HIDES, 9½¢.

NEW ENGLAND HIDES, 9½¢.

CALFSKINS are in unusually light supply. There is an active demand for them.

SHEEPSKINS.—Very few on hand, which are sold in scattering lots at high prices.

PHILADELPHIA.

The call for stock is excellent. The stock itself is conspicuous by its absence. Much stock is said to have been sold while it is still being carried around on four legs. We quote:

CITY STEERS, 10@10¼¢.

CITY COWS, 9@9¼¢.

COUNTRY STEERS, 9½@10¢.

COUNTRY COWS, 8¼@9¼¢.

BULLS (all weights), 8¢.

CALFSKINS continue scarce and high.

SHEEPSKINS.—Traffic comparatively inactive. Good country pelts bring from 75¢ to \$1.

NEW YORK.

CITY SALTED HIDES.—Stock is scarce and expected to go higher. Considerable has changed hands at ruling quotations this week. Prices appended.

No. 1 NATIVES, 60 lb and up, have been in active request at 11@11¼¢.

BUTT-BRANDED STEERS, 10@10¼¢.

SIDE-BRANDED STEERS, 9@9¼¢.

CITY COWS, 9½@9¾¢.

NATIVE BULLS, 8¼@9¢.

CALFSKINS (see page 46).

HORSE HIDES, \$3.25@3.50.

SUMMARY.

The Chicago packer market is pretty well cleaned up so far as natives are concerned. There are some accumulations of heavy and branded stock. Considerable stock has been sold, although individual sales were not large. The packers seem rather more anxious to sell than they were and are making strong overtures toward advance sales, although no concessions are reported. The country market is very firm, despite an indifferent demand. The great majority of the stock sold for local consumption is bought only to supply immediate needs. Rumored heavy purchases of Northern and Eastern tanners have given additional tone to this market, and intimations of an advance in values have "been heard through the land." Despite the apparently favorable conditions the disposition to speculate is still lacking. There is not a great deal of stock on hand, either in Boston or New York, and Philadelphia is said to be practically destitute of offerings. In Boston the demand is not strong, as many of the Eastern tanners are operating with extreme caution, and consequently only buying in accordance with the strictest necessity. In New York much stock has been transferred, and the cellars of the Swamp contain comparatively little stock. It is deplorable that when the demand becomes so excessive in Philadelphia as it is at present, that the facilities for its supply are so limited. When the Quakers emerge from their lethargic condition and valiantly and resolutely shake off the cobwebs of a century they should be encouraged.

CHICAGO PACKER HIDES.—

No. 1 natives, 60 lb and up, 11¼¢; No. 1 butt-branded, 60 lb and up, 10¼¢; Colorado steers, 9¼¢; No. 1 Texas, 10½¢; No. 1 native cows, 10½¢; under 55 lb, 10½¢; branded cows, 9½¢; native bulls, 9¼¢.

CHICAGO COUNTRY HIDES.—

No. 1 buffs, 40 to 60 lb, 10¢; No. 2, 9¼¢; No. 1 extremes, 25 to 40 lb, 10¼¢; branded steers and cows, 8½¢ flat; heavy cows, 60 lb and up, 9¼¢@9½¢; No. 2, 9@9¼¢; native bulls, 8¼@8½¢; calfskins, 13¼@14¼¢ for No. 1; kips, 12½@12¾¢ for No. 1; deacons, 50¢; slunks, 25¢; horse hides, \$3.40@3.50; sheepskins, packer pelts, \$1@1.10; country pelts, 45@75¢; packer lambs, 90@95¢; country lambs, 40@75¢.

BOSTON.—

Buff hides, 9½¢; New England hides, 9½¢.

PHILADELPHIA.—

Country steers, 9½@10¢; country cows, 8¼@9¼¢; country bulls, 8¢.

NEW YORK.—

No. 1 native steers 60 lb and up, 11@11¼¢; butt-branded steers, 10@10¼¢; side-branded steers, 9@9¼¢; city cows, 9½@9¾¢; native bulls, 8¼@9¢; calfskins (see page 46); horse hides, \$3.25@3.50.

HIDELETS.

S. P. Davidge, of the U. S. Leather Co., sailed for Europe on the 13th inst. Mr. Davidge is a prominent member of the selling committee.

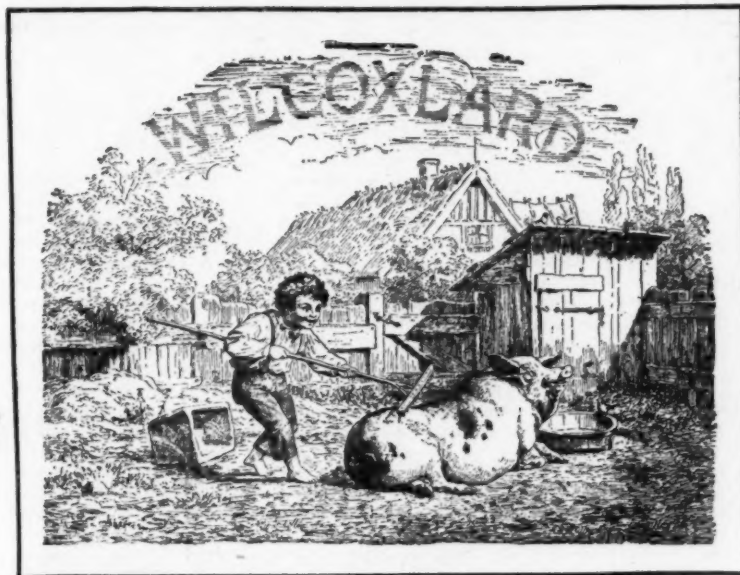
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The W. J. Wilcox Lard and Refining Company

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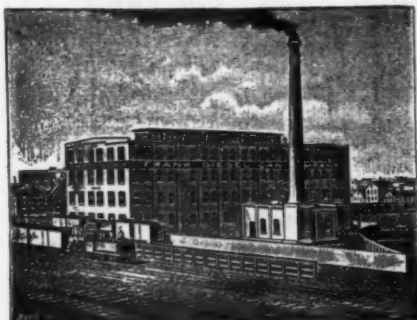
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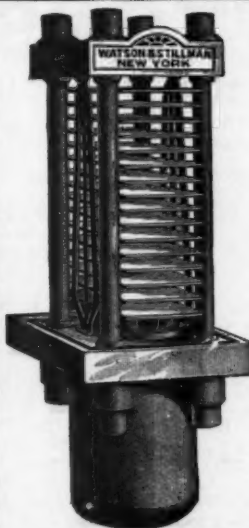


MANUFACTURERS OF
Lard Pails and Meat Cans,
PLAIN AND DECORATED.

*Tin Cans and Sheet Metal Work of
all kinds.*

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Over 100 Varieties.

**FILTER PRESSES,
PRESS CLOTHS, VALVES,
GAUGES AND FITTINGS.**

THE WATSON-STILLMAN CO.,

202 EAST 43d STREET,

Send for Catalogue
A B.

NEW YORK, U. S. A.

OUR YELLOW BOOK

SEE COUPON PAGE 22.

broker, with offices on Gold street, New York City, died on Saturday, the 13th inst. He was 61 years of age, and a well-known figure in the "Swamp."

A meeting of the directors of the U. S. Leather Co. will be called on Nov. 23. The object is said to be a consideration of the dividend question.

The Pennsylvania Railroad Company has purchased the old tannery property of Meis & Enger, Newark, for \$15,000.

F. C. Sanchez, said to be the manager of the Denver, Col., hide and tallow firm of F. C. Sanchez & Co., recently shot and instantly killed his wife.

Matthew Robson, the well-known Salem, Mass., tanner, has been recently touring the West.

It is said that the arrival of 6,000 Australian hides in San Francisco has tended to weaken that market.

TALLOW AND STEARINE.

(Continued from page 14.)

held here nevertheless, a good portion of which, with the idea of holding, in that affairs cannot be much worse than at present.

At Chicago good white grease would bring 3¼, while brown there quoted at 2¼@2½ nominally. Quotations in New York: A white at 3½, B white at 3@3½, yellow at 2½@2¾, bone at 2¼@3½, brown at 2¼@2½. At Chicago, A white is quoted at 3¼, B white at 2½@3, yellow at 2½, brown at 2½@2¾.

OLEO OIL.—It seems that the Dutch markets have not had much of the oil to sell there for a few days, although the impression was that some full sized invoices were due there. Therefore little news of importance has come from Rotterdam this week. It is understood that the butterine trade there is very fair, or about up to the November business, which is not usually to the briskness of a few weeks previously, but that the churners are drawing upon their accumulations of oil, which have been considerable. There has been no marked change in the butter markets in England or upon the Continent, and the prices of butterine in Holland have been, as reported, well held. The light offerings of the oil upon the Dutch markets have tended to steadiness on the few sales made, and 40 florins has been made this week for 300 tcs. of the best brands. The make of the oil in this country is not so large as a little while since, although fair shipments are being made steadily. The New York market is quoted at 6¼@6½ for No. 1.

CORN OIL.—The low prices attract a good deal of attention of shippers, but as they cannot get freight room for near shipments to any extent, while for any offering of ocean accommodation there is a decidedly high rate, they are compelled to go slow over buying corn oil. However, some business has been done for shipments in the future, while there is a steady demand from Europe for supplies. Sales have ranged from 2.70@2.85, the higher price for small lots, with more of a disposition to take the limited quantities for home use at the easy figures. The West has marketed so much of its productions latterly that it does not find its holdings especially burdensome, although compelled to take the low figures by reason of the competition of other goods.

LARD OIL.—Those receivers who have Western lots to offer, and which have been rather more freely urged for sale, find great difficulty in obtaining bids on material quantities. The dealers who buy to put out small lots admit that prices are cheap, but that they are finding it hard to get consumers to take hold, and that they themselves are carrying

about as much stock as they care to, with the current and prospective dullness. The mills and various manufacturing concerns have seemingly a sufficient supply of either lard oil, red oil or substitutes, and do not appear alarmed over the markets for those articles going against them in the near future, as at least they are working along on the policy of taking the oils as they need them, and if a reaction in prices occurs, to accept the result; but feeling that the genuine position of fat products is not assuring for a near advance. The city pressed oil is not over abundant in pressers' hands, and in some directions a comfortable trade in small lots is going on in it. The general market for lard oil is quoted at 36@39, as covering large and small lots.

(For Later Report see Page 42.)

NEW CATALOGUE OF FRED W. WOLFE CO.

Catalogue No. 4, which has just been issued by the Fred W. Wolfe Co., Chicago, manufacturers of the Linde ice and refrigerating machinery, is very attractively illustrated by halftone engravings showing the offices and works of the company, and some of the plants which they have installed. Their apparatus is carefully and clearly described, a brief history of artificial and mechanical refrigeration being presented, and tables of capacities of machines, properties of saturated steam and ammonia gas, cold storage temperatures, brine and other solutions, values of non-conductors, and other valuable data make the catalogue one of peculiar interest. A large number of pertinent testimonials are presented, showing that their machinery occupies a high place in the esteem of those who use it.***

E. H. FERGUSON, President. R. C. WAGGENER, Treasurer. J. J. CAFFREY, Secretary.

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LOUISVILLE, KY., U. S. A.

Refiners of All Grades of

COTTONSEED OIL.

"ECLIPSE" BUTTER OIL.

"SNOWFLAKE" PRIME SUMMER WHITE.

SUMMER { White 1/8 Oil.
 { Yellow C/S Oil.

WINTER PRESSED { White C/S Oil.
 { Yellow C/S Oil.

SUMMER AND WINTER WHITE "MINERS" OIL. YELLOW AND WHITE COTTONSEED STEARINE.
CRUDE C/S OIL. "RED STAR" SOAP. SOAP STOCK.

TANK CARS FURNISHED FREE FOR SALES OR PURCHASES.

SPECIALTIES:

"SNOWFLAKE" PRIME SUMMER WHITE. This oil is prepared especially for Lard Compounders; is sweet and wholesome, being bleached without a particle of acid. A trial means you will use no other.

"ECLIPSE" BUTTER OIL. A strictly choice Vegetable Oil, selected and prepared especially for Butter Manufacturers; equalled by none other for quality and uniformity.

"DELMONICO" COTTON OIL. This brand of Cooking Oil needs no introduction; speaks for itself, and for Culinary Purposes is synonymous with finest.

"NONPAREIL" SALAD OIL. A strictly Winter Pressed Oil, prepared expressly for Druggists, Culinary and Salad Purposes; guaranteed to remain bright and limpid at 32° Fahr.

"KENTUCKY REFINING CO.'S" WINTER PRESSED OILS. Guaranteed pure and to remain bright and limpid at 32° Fahr. The very best made for any climate.

Quotations furnished upon application.

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COTTONSEED OIL.

WEEKLY REVIEW.

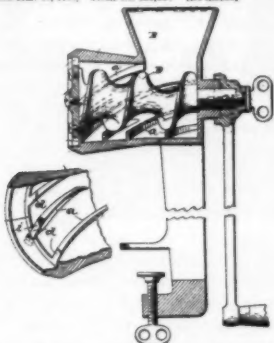
All articles under this head are quoted by the gallon, except Corn Oil, which is quoted by the 100 lbs.

QUIETER, BARELY STEADY MARKET.

It was supposed by the trade that when the dock lots were cleared off last week that the market would come about to a permanently steady tone. And there was reason for the thought that way in the consideration that prices were down to the lowest point reached in the history of the article, and upon a basis seemingly secure for more liberal taking up of the productions on export and home trade account. The low price for the oil had done away in good part with the increased cost of freight room, and where freight accommodation was to be had at all it was thought probable it would be secured promptly for the shipment of the product. But after the first flush of trading for shipment in the taking up of fair quantities of the oil that were urgently pressed for sale at the decline, there came a lull, while the market which was steadier for a day or two settled back to weakness. However, no very marked further change has occurred in the price, only that there were rather freer although not general sellers at the inside price recently made, at 21 for prime yellow. Of course, there is even greater scarcity of ocean freight room, and no relief in that respect can be expected until after the middle of December; while all through December there is no prospect of the accommodation being sufficient to materially modify the cost of shipment; whatever help may come from tramp tonnage that will undoubtedly seek this market through the profitable figures. Calculations, then, upon an im-

INVENTIVE GENIUS. Patents, Trademarks, Etc., Granted in Washington on November 16.

593,948. MEAT-CUTTER. CHARLES P. MOORE, Groton, N. Y.
Filed Mar. 17, 1897. Serial No. 636,017. (No model.)

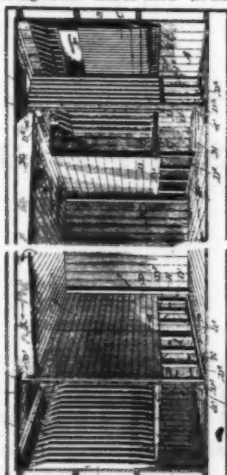


Claim.—1. The combination of a substantially cylindrical casing formed with internal spiral feed-rib terminating abruptly in a plane at right angles to the axis of the cylinder and forming sharp cutting edge; a feed-screw terminating in the same plane as the feed-rib; and a cutter-disk secured thereto and having blades formed by recesses in the periphery presenting cutting edges of practically the same depth as the ribs and coating therewith to shear the material; whereby a minimum deflection of the material from the lines of its progression is effected.

2. The combination of a substantially cylindrical casing formed with internal spiral rib terminating abruptly in a plane at right angles to the axis of the cylinder and forming sharp cutting edge; a feed-screw terminating in the same plane as the feed-rib; and a cutter-disk secured thereto and having its blades formed by recesses in its periphery presenting cutting edges extending practically to the periphery of the feed-screw and coating with the feed-rib; whereby a minimum deflection of the material from the lines of progression is effected.

3. In a cutter of the type described, a cylinder having ribs at its inner side, cutter-pins extending radially and transversely through the cylinder at the outer ends of the ribs, the pins having their outer sides flattened or cut away in a plane at right angles to axis of the cylinder for the purpose described.

593,886. REFRIGERATOR-CAR. CHARLES S. HART, San Diego, Cal. Filed Aug. 17, 1896. Serial No. 608,941. (No model.)



Claim.—1. An ice-receptacle for refrigerator-cars comprising the bottom hinged at its lower edge to and turning up against the end of the car and the front wall composed of vertical sections hinged vertically at their outer edges and swinging at their inner edges inward toward the end of the car and adapted when folded to hold the bottom in folded position substantially as shown and described.

2. In a car the ice-receptacle composed of the bottom hinged to the car and folding upward against the same the front sections hinged at their outer edges on vertical axes at the opposite sides of the car and turning inward toward the end of the car and arranged when so folded to hold the bottom in folded position and the latch on the bottom by which to secure the front sections in folded position substantially as shown and described.

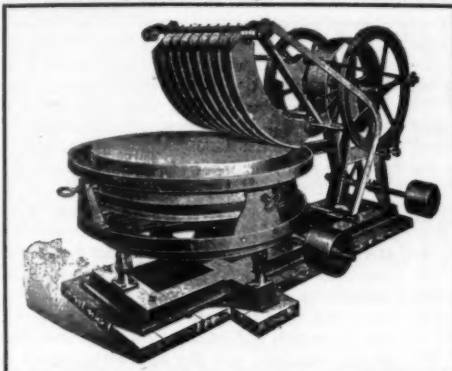
3. In a refrigerator-car, the ice-receptacle comprising the bottom hinged at its lower end and turning to and against the end of the car, and the front sections forming walls of the ice-receptacle and means for holding the bottom in folded position, said front sections being hinged or pivoted at their outer ends on vertical axes at the opposite sides of the car and swinging at their inner free ends in toward the end of the car and arranged when folded to rest in front of the folded bottom and hold the latter from dropping and means for securing the front sections when so folded substantially as shown and described.

4. The combination of the car, the draft-flap and the floor-crest, of the swinging floor and the vertical door-like sections adapted to support said floor and opening outward against the floor-crest and against the draft-flap substantially as shown and described.

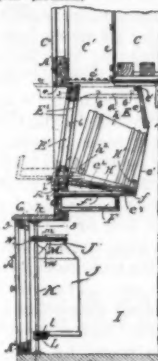
5. The combination of the car the draft-flap and the floor-crest, the swinging floor made in sections, the vertical door-like sections corresponding to the floor-sections and having means to support the same when opened, and latch devices by which to hold the door-like sections closed substantially as shown and described.

593,746.—Kraut Cutter. Wm. A. Kirkpatrick and John E. Robbins, Greensburg, Ind. Filed Nov. 23, 1896. Serial No. 613,170.

THE BRODESSER MILWAUKEE, WIS. ELEVATOR MFG. CO. Patentees of the BRODESSER and STEIN POWER ROCKER (formerly called Daisy Steam Rocker).

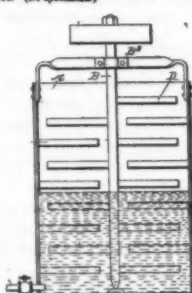


593,821. REFRIGERATOR. HENRY STAIN, Brooklyn, N. Y., assignor of one-half to William F. Wain, same place. Filed June 1, 1896. Serial No. 599,715. (No model.)



Claim.—In a refrigerator, substantially as shown and described, an auxiliary compartment I, provided with a door, and means for supporting a milk-can upon said door, said means comprising a vertical rod journaled in said compartment having a framework on the lower portion thereof for engagement with the lower edge of the said can, and a further framework on the upper portion, said framework having a spring-plate secured thereto which coils around the said neck and is connected to the inner surface of the said door, whereby said can will be carried outwardly when the door is opened and inwardly when the door is closed, substantially as shown and described.

593,845. PROCESS OF DISSOLVING GLASS AND MAKING GLAZ. BENJ. FRANK KATZ, New York, N. Y. Filed Feb. 5, 1897. Serial No. 622,360. (No specimens.)



Claim.—1. The process of dissolving glass which consists in heating the requisite quantity of water to a temperature above the softening-point of the glass that is about 90° Fahrenheit and below its softening-point, that is about 120° Fahrenheit and adding the glass to the warm water and incorporating the same therewith, while the solution remains between such limits of temperature.

2. The process of dissolving glass which consists in heating the requisite quantity of water to a temperature sufficient to bring the temperature of the final mixture above the softening-point of the glass solution, but below the softening-point of the glass itself that is from 90° Fahrenheit to 120° Fahrenheit, then discontinuing the supply of heat, adding the glass, and mechanically stirring the mixture of glass and warm water.

3. The process of making clay size which consists in heating the requisite quantity of water to a temperature sufficient to bring the mixture to a temperature above the softening-point of such mixture and below the softening-point of the glass, then discontinuing the supply of heat, adding and incorporating the necessary quantity of glass, and finally adding and incorporating the requisite amount of clay in a dry absorbent state, substantially as set forth.

4. The process of making a stiff size which consists in heating the requisite quantity of water to a temperature above the softening-point of such mixture and below the softening-point of the glass, then adding and incorporating the necessary quantity of glass, while keeping the mixture within the aforesaid limits of temperature and finally adding and incorporating the requisite amount of solid filling material in a dry absorbent state, substantially as set forth.

NAMES OF PARTIES USING OUR PAT'D POWER ROCKER.

Swift and Company, Chicago.....10 No. 9
Armour & Co., Chicago.....3 No. 9
Cudahy Packing Co., South Omaha.....1 No. 9
A. L. Luetger, Chicago.....11 No. 9
Fred. Katz, California Market.....1 No. 9
Richard Guth, St. Louis.....1 No. 6
G. Humford, St. Louis.....1 No. 9
Leo Taube, Detroit, Mich.....1 No. 6
R. Kretzschmar, Milwaukee.....1 No. 9
Karl Scheidler, Milwaukee.....1 No. 9
Fred Usinger, Milwaukee.....3 No. 9
Nelson, Morris & Co., Chicago.....2 No. 9
Swift and Company, Kansas City.....1 No. 9
Chas. Hess, Milwaukee.....3 No. 6
Chas. Schnell, Portage, Ill.....1 No. 6
Viles & Robbins, Chicago.....3 No. 9
Anglo-American Prov. Co., Chicago.....2 No. 9
G. Humford & Co., U. Stock Yards, Chicago.....1 No. 9
Underwood & Co., U. Stock Yards, Chicago.....2 No. 9
Villauer & Hoffman, Milwaukee.....1 No. 9
H. Wendt, Chicago.....3 No. 9
Theodore Berg, Chicago.....2 No. 9
William Kamp, Milwaukee.....1 No. 6
H. C. Jerak, Milwaukee.....1 No. 9
F. Schulz, Milwaukee.....1 No. 6
L. Frank & Son, Milwaukee.....4 No. 9
T. Wesse, Milwaukee.....1 No. 6
Chas. Hollenbach, Chicago.....2 No. 9
Blumenhagen & Epling, Chicago.....1 No. 9

593,771.—Cheese Vat. Gerritt J. Leizen, Hingham, Wis. Filed March 4, 1896. Serial No. 581,868.

593,656.—Cheese Cutter. Louis H. Hicks, Lyons, Ind. Filed Feb. 20, 1897. Serial No. 624,398. A simple device for making an even vertical cut according to a gauge provided on the knife.

593,741.—Method of Preserving Perishable Substances. Willard G. Day, Baltimore, Md. Filed Sept. 14, 1896. Serial No. 605,770. A method of preserving organic perishable substances through the action of electricity, by which the germs of decay are destroyed.

TRADE MARKS.

30,863.—Soap and Washing Powder. The Oettinger Co., New York and Brooklyn. Filed Oct. 6, 1897. The word "Klondike." Used since August, 1897.

30,865.—Glue and Sizing. Mone R. Isaacs, Philadelphia. Filed Aug. 14, 1897. The word "Glugloss." Used since Jan. 1, 1897.

LIVERPOOL QUOTATIONS.

Liverpool, Nov. 19—3:45 P. M.—Exchange. —Beef—Dull; extra India mess, 66s. 3d.; prime mess, 56s. 3d. Pork—Steady; prime mess fine Western, 47s. 6d.; medium Western, 45s. Hams—Short cut, 14 to 16 lb, dull, 32s. Bacon—Cumberland cut, 28 to 30 lb, dull, 36s.; short rib, 20 to 24 lb, steady, 36s. 6d.; long clear middles, light, 35 to 38 lb, dull, 37s.; long clear middles, heavy, 40 to 45 lb, dull, 36s. 6d.; short clear backs, 16 to 18 lb, dull, 31s. 6d.; clear bellies, 14 to 16 lb, dull, 36s. 6d. Shoulders—Square, 12 to 14 lb, steady, 28s. 6d. Lard—Prime Western, steady, 22s. 9d. Cheese—American finest white and colored, easy, 43s. Tallow—Prime city, firm, 18s. Cottonseed Oil—Liverpool refined, dull, 14s. 9d.

BUSINESS CHANGES.

Walter G. Plumb, Bristol, Conn., has sold his meat market.

W. S. Tracy & Co., Hartford, Conn., have sold their grocery and meat business.

Chas. Zaneley, meats, formerly of Winsted, Conn., has moved to Bristol.

Geo. Weisenberger, Covington, Ky., has given a mortgage for \$600.

Barr & Vining, Springfield, Mass., have been served with an attachment for \$300.

A. S. Robinson & Co., Springfield, Mass., have given a chattel mortgage for \$250.

Matthews, Bros., Midland, Mich., have succeeded W. H. Short.

Louis Schaefer, of the firm of J. G. Schaefer & Son, Saginaw, Mich., meats, is dead.

H. K. Fowler, St. Paul, Minn., has assigned.

W. M. Hill & Co., Asheville, N. C., meats, has been incorporated.

Brown & Crumney, Mansfield, O., meats, have given a mortgage for \$500.

proved situation in the near future for cotton oil must leave out the important help of live-ly export demands to depend more upon home influences and their surroundings in productions of oil, the abundance of seed and the necessities or otherwise of the mills over selling, and the question of an ample seed supply at its low prices is not so doubtful as a little while since. The mills are getting all the seed they want and at even lower prices than were quoted latterly as the lowest ever before accepted. At some sections in the near Atlantic producing points, the seed has been obtained this week at \$7 per ton, where \$8 had been considered previously as a doubtful price in its bringing out abundant offerings. In Texas where there had been temporarily steadier holding of seed through a rush of demand to fill contracts for oil, the price has settled back \$1 per ton. The planters are marketing the seed seemingly urgently, and with a view to getting cash, while inclined to hold their cotton to some extent in the belief that the well known more extensive wants of the staple will bring it at length to a reaction from its current low price, notwithstanding its remarkably large crop. Even at the current low figures for the seed, which are below any basis accepted of late years, the mills have about all they can do to come out whole on the oil, and make a small profit only in connection with the productions of cake. The fact that seed is coming in freely to the mills keeps most of them producing the oil up to the average quantities, but they are to a chief extent relying upon reactions in prices for the productions of oil later on to helping them to see their way clear concerning profits. And there is little doubt that when both export and home consuming sources find outside affairs in a more normal position that there will be a change to better figures. This accounts for the unwillingness to sell of some of the larger mills, and the fact that some of the principal producers have hardly parted with any of their outturns of oil as yet this season. But there is a good deal of oil offering nevertheless from smaller mills, and some of the larger ones, and indeed more than wanted in the present indifferent attitude of buyers. Many of the mills in localities that had been affected by quarantine restrictions to free movements of their supplies, are now with the relaxing efforts of the law, finding it easy comparatively to forward, while they are anxious to realize for cash returns; this sudden and added pressure of selling tends to keep the markets at the various points easier than they would stand otherwise, and particularly in the dull surroundings. Some of the mills are burdened with high cost seed, ranging from \$8 to \$9.50 per ton, and where they had been holding the oil in the natural desire to get out at least whole, they are now in instances as well attempting to sell. The refiners are trying to get crude in bulk at near Atlantic States at 13½; there are reports that two or three tanks have been obtained at that price, but the mills are not willing to sell under 14, and many of them not at that. The contention among the buyers is that with prime yellow upon the New York market at 21; a 13½ price for crude in bulk does not do more than equalize the values, and that they are in no hurry to exceed it, however low the basis of

14 is as compared with any previous rate. The soap trade in New York has failed to develop any interest in cotton oil, although with tallow at 3¼, and a leaning at the close to 3¼; seed production cheaper; but it claims that it will stick to tallow at present, and ideas of large buying thence at once are upon a less secure foundation. The Western soap makers have been busier over securing the oil at its low price, and the compound lard refiners there have also been taking up for accumulations oil in Texas and to some extent in other directions. There is nothing in the situation for provisions at all encouraging to the lard refiners, but the feeling on the part of these buyers is that the oil is cheap; that it can hardly be materially lower, and that it is safe to buy ahead. Any further declines in the prices of lard that have taken place miss any direct effect upon cotton oil, since the seed product has gone a long way ahead of that influence in its weakness from liberal supplies, and the apathetic export interest. The shippers would undoubtedly buy oil freely if they could get freight room, while the home trade makes the most of the weakness from that direction. The Mediterranean had taken up most of the oil that had come out at recent decline, as it found that notwithstanding the cost of freight it was able to do as well here as upon the English markets, where the make is steadily increasing on the abundance of Egyptian seed. Some of the Southern ports, notably Galveston and New Orleans, which have had a fair offering of freight room, are now quieter; yet, at the same time, they had cleared off a good deal of the product, and by reason of little cheaper freights than this market there had been by relation with it a trifle more satisfactory prices made for the oil. Texas is better satisfied with the extent of its outlets of oil than other States. It has had a good portion of the Western soap trade, as well as the largest movements to the Western lard refiners; while it has steady, satisfactory calls from Mexico. There have been sales in Texas through the week of 25 tanks crude in bulk at 13½@14 and 14¼, chiefly at 14, and 13½ is further bid there with some difficulty in buying under 14. In the near Atlantic States 12 tanks crude in bulk have been obtained at 14, and rumors of 3 tanks at 13½, with on the part of the local refiners in New York 13½ bid, while 14 is asked. Crude in barrels upon the New York market is on offer very moderately; there have been 450 barrels taken here at 18, and there are further sellers at 18, with an effort to buy it a little cheaper. In refined, prime yellow here has been taken for December and January deliveries at 21@21¼ to the extent of 5,600 barrels, including 1,500 barrels January at 21; while it is somewhat more difficult to buy for December, although no disposition is shown to bid up from 21. Of white oil sales of 500 barrels here at 24. The situation on the several days of the week as to prices was as follows: On Monday crude in barrels here at 18 asked and sales, with refined at 21 further bid for prime yellow, and a few dock lots obtained at that, but 21¼@21½ more generally asked. On Tuesday crude in barrels sold here at 18 for choice; anything not quite up to the mark had only 17½ bid. There was a sale of prime yellow

for January delivery at 21; that price was further bid and there were no sellers at it, although 21¼ would have bought a few lots, and to 21½ asked. The refiners here had put their bids on crude in bulk to near Atlantic mills down to 13½, but there was nothing offered under 14. Sales in Texas were reported at 14, where 13½ was further bid, and 14 asked. On Wednesday shippers found that they could get a little freight room for December and January shipments, and offered 21 for prime yellow, delivery either month, but were not successful in getting much, although it did not look as though it could be sold over that. There were 1,200 barrels sold for December at 21.

On Thursday the market had perhaps a trifle steadier tone, although there was hardly increase of demand from any direction. For some lots of prime yellow 21¼ was bid, while it was possible to buy other parcels at 21. Crude in barrels here was sold at 18 for 300 bbls, and of crude in bulk 3 tanks were obtained in Georgia at 13½, but it is hard to get further quantities under 14, while 13½ represents the best views of refiners here, and the West has that inside rate for offerings in Texas.

(For Later Report see Page 42.)

—The Summit & Madison Ice Co. has been incorporated with a capital stock of \$25,000, of which \$10,000 has been paid in. The principal office is in Summit, N. J. The incorporators are Richard Howell, of Wilmington, Del., and Louis S. Paulmier and Stephen H. Paulmier, of Madison.

—I. S. Shaw, of Mt. Pleasant, Pa., has received a contract for the erection of a new ice and cold storage house at Markletown, Pa.

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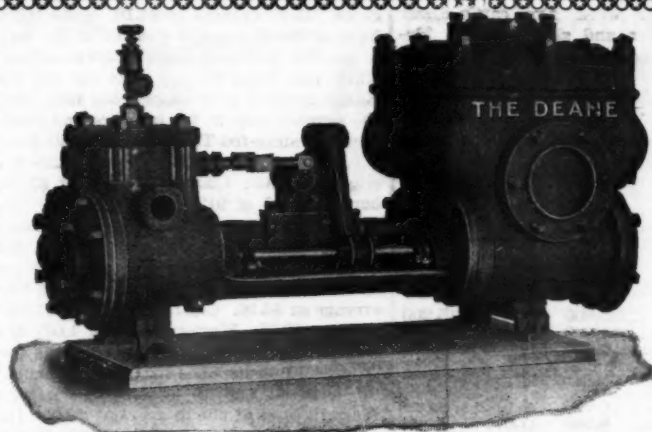
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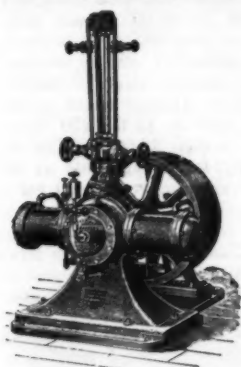
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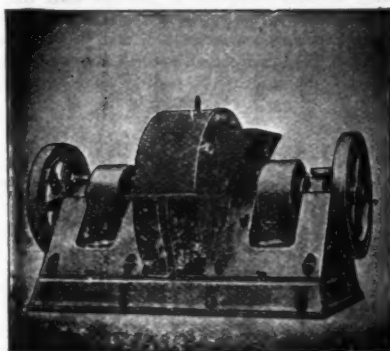
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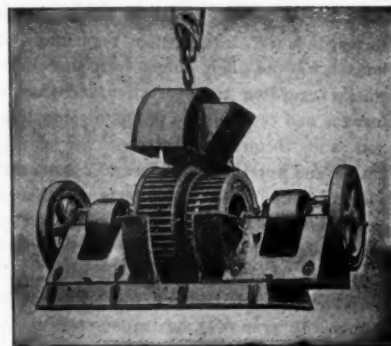
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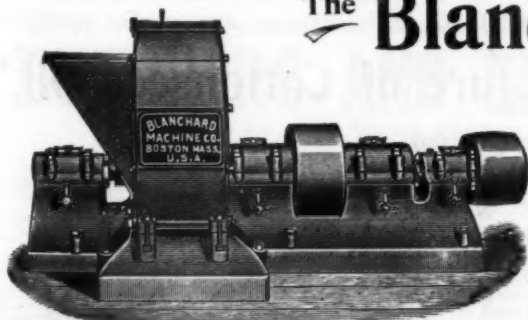
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Respectfully submitted,
U. S. EXPORT ASSOCIATION,
F. B. THURBER, President,
143 Chambers Street, New York.
Correspondence solicited.

KANSAS CITY LIVE STOCK REVIEW.

The records for week give cattle about steady, hogs lower and sheep higher. Receipts past week and comparisons as follows:

	Cattle.	Hogs.	Sheep.
Kansas City	41,362	73,460	18,644
Previous week	45,528	64,620	19,416
Same week 1896	46,428	56,249	34,035
Same week 1895	44,074	63,353	16,386
Same week 1894	46,837	79,686	53,011
Chicago	48,900	189,800	68,000
Omaha	19,400	30,800	10,000
St. Louis	16,600	40,800	7,100
Kansas City	41,400	73,500	18,600
Total	126,300	334,900	104,300
Previous week	135,000	291,000	115,200
Same week 1896	131,000	302,900	127,800
Same week 1895	122,200	347,900	83,100

Kansas City packers' slaughter:

Armour Pack Co.	6,846	26,617	3,565
Swift and Co.	6,349	17,678	4,606
S. & S. Co.	5,068	3,946	2,734
J. Dold Pack. Co.	620	7,111	202
Fowler, Son & Co.	105	9,826	99
Total	18,991	65,241	11,301
Previous week	20,728	61,479	14,592
Same week 1896	24,027	54,083	24,026

During the week the supply of fat native cattle was very limited indeed, but in their place were a good many fat Westerners and Colorados; the demand from the East, however, at present for fat cattle is very limited, some giving as the reason that already the poultry business will in a few weeks overshadow entirely the beef market—the signs of holidays already in the air. During the week there was no \$5 cattle. On Tuesday some 1,440-lb average cattle sold at \$4.70. On Wednesday 1,505-lb average sold at \$4.60. On Thursday 1,272-lb average sold at \$4.40. On Friday some 1,225-lb average sold at \$4.80. The report is that some 1,300 of the finest export cattle produced in Missouri have been purchased by Hathaway around Columbus, Mo., he paying from \$5 to \$5.50 per 100 lb. There was a good supply of Western cattle on the market, and prices in favor with the packers seem to be from \$4.20 to \$4.60 per 100 lb. Native cows and heifers were pretty scarce. The top of the cow market some 1,058-lb average at \$4.15; some 1,038-lb at \$3.60; 1,230-lb at \$3.50. The highest price

paid for heifers, some 855-lb going at \$4.70; quite a bunch of 872-lb average went at \$3.90. Some 745-lb average at \$4.10. Some lightish bulls of 850-lb average went at \$3.75. But of a heavier average some 1,530-lb selling at \$3.40, this being the top price for the week. Range cattle in good supply, but fully half of the number only fit for stockers and feeders. Some Western-fed Texas steers, 1,130-lb average, went as high as \$4.20. Some 1,238-lb average at \$4.05; 1,202-lb average at \$3.70; a bunch of 255 of 912-lb sold at \$3.40. Texas Western-fed cows of 726-lb average went as high as \$3.20; some 874 going at \$2.70. Some Texas heifers, Western fed, of 833-lb average, went at \$3.90. Colorado cows of 930-lb average at \$3.10. Colorado heifers of 1,030-lb average, \$3.55. Western steers of 1,037-lb average, well finished, sold at \$4.60; some 1,347-lb at \$4.40; some 1,084-lb, \$4.15. A bunch of 151 head of 1,007-lb average sold at \$3.90. Western cows of 698-lb average, \$2.95. Heifers, 833-lb average, \$3.90, and some stags of 1,037-lb average, \$3.90. Oklahoma steers of 725-lb average, \$3.60, but some cows of 785-lb average sold at \$3.90. Some Arizona steers, only fit for canning, of 804-lb average, sold at \$2.95. Some of 892-lb average at \$3.52; 119 New Mexican steers of 661-lb average sold at \$3.15. Another bunch of 452 of 947-lb average sold at \$3.45; 270 Mexican cows of 762-lb average, \$2.50; 108 Old Mexican steers of 837-lb average sold at \$3.50. The straight Texas run very small for past week, but this not not unexpected, as in a very short time the quarantine will be lifted, and then any Texas arriving will go straight into the native division. During the past week some 1,183-lb average Texas steers sold at \$3.85; some 968-lb at \$3.75; some 870-lb at \$3.40. Cows, 963-lb average, sold at \$3.25, but more of 631-lb average were sold at \$2.55. Heifers of 1,190-lb average sold at \$3.85. During the week a good many feeders changed hands, but from fully 10¢ to 15¢ lower on all grades, except the fancy ones. A good many feeders complain at present that they do not know what to do in regard to the future—whether to purchase or not, the prices paid being so high, and several cases during the past few months the feeders have had bad

(Continued on page 38.)

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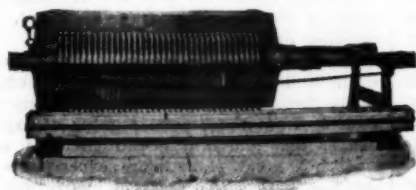
The machine takes practically no power to run, only a 1/4-inch round belt, the same as a sewing machine, and uses no more power than a sewing machine. It does not need an extra operator, as the machine can be used by either one or two men on steam, power or hand stuffers and is never in the way, because when the machine has put on a casing it immediately rises up by itself 8 inches and stays there until needed again. It will run on about 100 feet of sheep or hog casings in about 7 seconds and will handle tender casings just as delicately as the hands of the workman. Two lined wheels go with each machine, but it is only necessary to have one of them on the machine, even when two men are working it; so there is always one wheel in reserve.

A glance at the cut opposite shows the machine at work and after it has put on a casing.

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BE FOUND ON PAGE 45.**

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Jan. 2, 1897.—"The Manufacture of Sausage Casings and Packing Same." No. 2.
" 9, 1897.—"The Manufacture of Sausage Casings and Packing Same." No. 3.
" "About Beef Extract."
" 16, 1897.—"On Cutting Meats (Pork)."
" 23, 1897.—"The Necessity of Cleanliness in the Handling of Perishable Products."
" "American Swine."
" 30, 1897.—"American Swine." No. 2.
Feb. 6, 1897.—"The Preparation of Blood Albumen."
" "American Swine." No. 3.
" 13, 1897.—"Proper Ventilation in P'king Houses."
" 20, 1897.—"Proper Ventilation in P'king Houses." No. 2.
" 27, 1897.—"Proper Ventilation in Packing Houses." No. 3.
March 6, 1897.—"Proper Ventilation in Packing Houses." No. 4.
" 13, 1897.—"Proper Ventilation in Packing Houses." No. 5.
" 20, 1897.—"Proper Ventilation in Packing Houses." No. 6.
" 27, 1897.—"Steer and Heifer Beef." No. 2.
April 3, 1897.—"Steer and Heifer Beef." No. 3.
" 10, 1897.—"Manufacture of Oleo Oil." No. 2.
" 17, 1897.—"Manufacture of Oleo Oil." No. 3.
" 24, 1897.—"Manufacture of Oleo Oil." No. 3.
" "Export Beef Trade." No. 3.
May 1, 1897.—"Manufacture of Oleo Oil." No. 4.
" 8, 1897.—"The Scouring of Wool." No. 5.
" 15, 1897.—"Boiler Compounds." No. 2.
" 22, 1897.—"The Scouring of Wool." No. 2.
" 29, 1897.—"Steer and Heifer Beef." No. 4.
June 5, 1897.—"Steer and Heifer Beef." No. 5.
" 12, 1897.—"Steer and Heifer Beef." No. 6.
" 19, 1897.—"The Process of Thawing Frozen Meats."
" 26, 1897.—"Steer and Heifer Beef." No. 7.
" "Manufacture of Lard and Allied Products."
July 10, 1897.—"Early Lamb Raising."
" 17, 1897.—"No More Hog Cholera."
" 24, 1897.—"The Smithfield Ham."
" 31, 1897.—"The Curing of Meats."
August 7, 1897.—"The Curing of Meats." (Concluded.)
" 21, 1897.—"Slaughtering of Sheep."
" 28, 1897.—"Slaughtering of Sheep." (Concluded.)
Sept. 4, 1897.—"Sources of Nitrogenous Fertilizers."
" 11, 1897.—"Identification of Oils and Fats."
" "Preserved Meats."
" 18, 1897.—"Detection of Horse Flesh."
" "Estimation of Starch in Sausage."
" 25, 1897.—"Extraction of Oils and Fats."
Oct. 2, 1897.—"Affairs for Hog Raising."
" 16, 1897.—"The Detection of Foreign Fats in Lard and Butter."
" 23, 1897.—"The Feeding of Cattle."

THE INFLUENCE OF ANTISEPTICS ON THE DIGESTION.

The amount of antiseptics or preservatives employed in the preservation of food articles of all kinds, especially also of meat and meat products, is very large. The consumption of borax and boric acid, for instance, in packing houses reaches very large figures.

The preserving influence of these and other antiseptics is well known and understood by most packers. But little is known of any detrimental effect which these antiseptics may have. Of course, it may be assumed that antiseptics like boric acid, of which such large quantities are used in preserving articles of food, and consumed with same cannot

—in the relative proportions used—be of a positive poisonous nature toward the human system. On the other side, it is evident that since these preservatives have antiseptic properties, they must have a toxic effect upon germ life and the development of germs. It has always been suspected that these preservatives may interfere with the digestion and assimilation of food, but relatively little positive knowledge was had as to the actual extent to which these antiseptics prevented or retarded the complete assimilation of the food. Experiments to secure the lacking knowledge must be welcome indeed.

The Chemical Division of the U. S. Department of Agriculture might find a very thankful field to cultivate in this respect. Our packing and canning industries, pertain same to meat, fish, oysters, vegetables, or other articles of food, require positive information on the subject of antiseptics in regard to their preserving qualities, as well as their eventual toxic effects. Some recent publications in the Journal of the Am. Chem. Society of articles throwing light on this subject must be of interest to the packers; the most interesting portion is reproduced:

In their article on "The Influence of Antiseptics on the Digestion of Blood Fibrin by Pepsin in a Hydrochloric Acid Solution," Chas. F. Maberry and Leo Goldsmith say:

While it may be difficult to perform experiments on artificial digestion under conditions that approximate those of natural digestion in the body, it is possible to determine the influence of substances that exert a retarding influence on the normal chemical reactions which involve the solution of fibrin or albumen by pepsin in an acid solution. The retardation by certain artificial colors, oroline yellow, saffoline and magenta, was studied by Weber*, and the influence of alcohol in different proportions and other bodies by Chittenden and Mendel. Frank D. Simons gave an account of results which he had obtained in studying the action on the digestive ferments of salicylic acid, formal, several dyestuffs and essential oils.

In view of the stringent food laws that are everywhere recognized as necessary for the protection of the health and pecuniary interest of the consumer, the influence of adulterations found in food stuffs and in prepared foods should be well understood.

The results of Maberry and Goldsmith were obtained with alum, salicylic acid, boric acid and formaline. The material used for digestion was blood fibrin, carefully prepared, as a typical protein substance. The digestions were made in the approved manner at blood temperature in solutions containing pepsin and hydrochloric acid. The digestion was allowed to go on for a certain time, was then interrupted and the undissolved fibrin was filtered off, dried and weighed.

The experiments made with alum were made with a view to find its effect upon the digestion of bread; their result showed plainly the retardation of the digestive action of pepsin. These results, interesting as they are, do not particularly concern the packer.

*We shall give our readers the essential results of these experiments later on.

A series of experiments was made to ascertain the effect of salicylic acid on the function of digestion. The average results show:	
Salicylic Acid Used.	Fibrin Digested.
Per Cent. in Solution.	Per Cent.
0.0	96.69
0.05	96.00
0.20	92.47

showing an appreciable retardation.

Boric acid seems to exert an influence on the rate of digestion, but the proportion of acid does not seem to be essential. The average results show:

Boric Acid Used.	
Per Cent. in Solution.	Fibrin Digested.
Per Cent.	Per Cent.
0.0	97.21
0.05	92.64
0.10	95.00
0.30	95.00

These results are of extreme interest to the meat packer. Unfortunately the data presented are not sufficient to form definite conclusions; also the results of duplicate experiments vary too much to make the results definitely acceptable. It is, however, possible to obtain from these results an indication what the final conclusion may be.

Formaline, an antiseptic introduced in packinghouses only within a very short time, seems to be more marked in its influence than boric acid. In general the action is greater with the increase in weight of this antiseptic:

Formaline Used.	
Per Cent. in Solution.	Fibrin Digested.
Per Cent.	Per Cent.
0.00	97.21
0.05	95.01
0.10	91.72
0.30	89.77

Salicylic acid, boric acid and formaline all seem to prevent, or at least to retard, the complete digestion.

The results of Maberry and Goldsmith, while indicating a slightly retarding effect, really demonstrate, as far as conclusions are possible from the limited number of experiments, that the detrimental effect is very small. A great many more experiments in this line will be necessary to justify, for instance, a pure food commission to condemn the use of boric acid merely on account of the retardation of digestion, as indicated by the present experiments.

(To be Continued.)

AMERICAN MEAT TRADE AND THE NORWEGIAN TARIFF.

In a report to the State Department Consul Bordewich, at Christiania, Norway, calls attention to the fact that American trade in pork and beef has been affected by the increased rates of the Norwegian tariff on these products.

The Norfolk (Va.) Chamber of Commerce has issued a comparative statement of the exports of merchandise from that port for the nine months ending Sept. 30, showing that they are almost double those of the same period of last year, amounting to \$11,048,876, against \$6,596,781 for 1896, or \$4,451,895 more. The principal increase has been as follows: 819,033 more pounds of meat in bulk was exported than in 1896; also 4,225 tierces and 4,757 tubs of lard, 512,453 more barrels of cottonseed oil and 31,955 more bushels of cottonseed meal, and 11,927 more cattle. There was a small decrease in the exports of pork in barrels, fish, hides, hogs and sheep.

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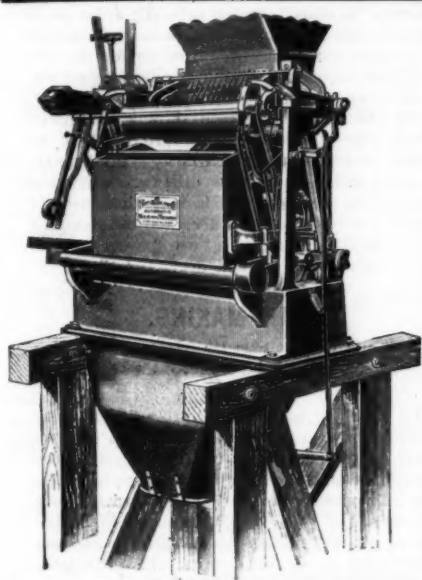
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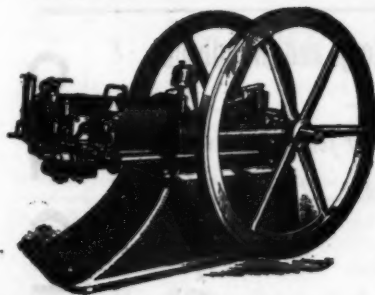
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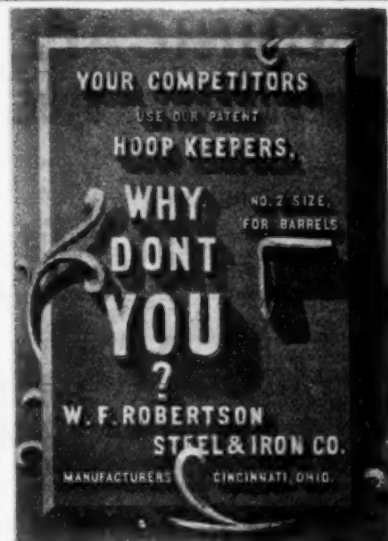
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TECHNICAL. MANUFACTURE OF GLUE

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THE BODY TEST.

The body test, or viscosity test, is based on the assumption that the better the glue, the thicker and heavier its solution of equal strength and temperature, the greater its viscosity. This body test can be carried out in a great many different manners, but to obtain comparable results it is necessary that the tests should be made under like conditions. The method and apparatus used by one of the largest American glue manufacturers recommends itself by its simplicity. The 20 per cent. solution of glue—same as used in the shot test previously described—is poured into

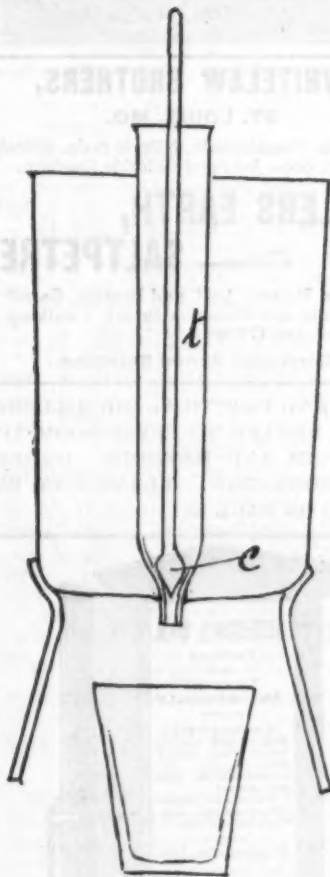
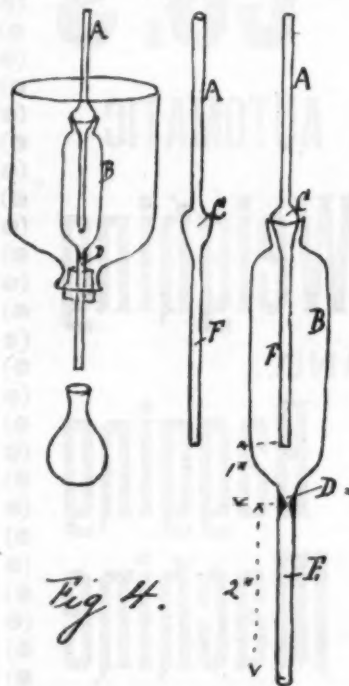


Fig. 3.

a glass tube *t* (Fig. 3) of 12 to 15 inches in length and about 1 inch in diameter. The tube is drawn out at the lower end to an opening of exactly 1-12 inch in diameter. This opening may be tightly closed by the glass rod with the ground stopper *c* at the lower end. The tube is placed upright in a water-bath of 167° F. Five ounces of glue liquor (20 per cent.) are poured into the tube and allowed to remain in the tube (covered) till the glue liquor has a temperature of 163° F. The stopper *c* is then raised and the 5 ounces of glue liquor are allowed to run out of the tube; the time necessary for this is accurately determined and furnishes a measure for the viscosity of the

glue liquor. A comparative test is made with distilled water of 167° F. It shall take, for instance, 40 seconds for 5 ounces of water to run out of the tube; 5 ounces glue liquor will require in the same apparatus from 41 to 100 seconds, depending upon the quality of the glue. The viscosity is properly expressed in per cents. of the water test. A 20 per cent. solution of same grade of glue shall require 62 seconds; its viscosity would then be 62 x 100, or equal to 155 per cent.



Shot test and body test usually give uniform results; glues of strong acidity make an exception; they show frequently a low body test with a high shot test; alkaline and neutral glues usually give well agreeing results in the shot test and the body test.

In making the body test, great care must be taken that the fine opening of the glass tube is kept scrupulously clean and is heated to the temperature of 167° F. The apparatus described and illustrated in Fig. 3 is very simple, but has a number of serious defects; the results obtained with it, in order to be comparable, must really be obtained with one and the same instrument; for factory tests the apparatus may therefore suffice, but hardly for commercial tests.

A viscosimeter of slightly more complicated construction, but of easier operation and furnishing more accurate results, is illustrated in Fig. 4 in the form recommended by Reischauer-Aubry; it consists of a pipette-like glass tube placed in hot water. The pipette is made of two pieces; the tube *A*

with cone *C* and extension *F*, and the large tube *B* drawn down to tube *E*. Cone *C* forms a ground-in stopper to the tube *B*. The tube *E* is drawn together at *D* and bored so that the opening there is exactly one-twelfth inch in diameter. The inside diameter of tube *E* should be one-quarter inch. The lower end of tube *A* *F* when placed in tube *B* should be 1 inch above the opening *D*, tube *E* should extend two inches below point *D*. To operate this viscosimeter, the end of tube *E* is closed with a small rubber stopper, or rubber tubing and glass rod. The pipette is filled with the glue liquor, and placed in water of 167° F. When the glue liquor has been heated to 167° F tube *A* is closed by pressing on it the end of a finger, the rubber tube or rubber stopper is removed from the end of tube *E*; a measuring flask holding 100 cubic centimeters is placed under tube *E*; tube *A* is opened, the glue liquor begins to run through opening *D*; the time required to fill the 100 cc. flask furnishes again the measure of viscosity, or the body test. This viscosimeter, with the first one described, has the drawback that it is difficult to produce two of these instruments with the essential parts exactly alike. Numerous other viscosimeters have been proposed and brought into use; of these a few have been accepted as standard instruments; their general use for commercial glue tests would mark a decided progress.

SOAP MAKING.

No. 70.

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TECHNICAL.

causes the filling to burn on the sides of the pan, unless a jacketed pan be employed, or the cuttings melted in a separate vessel and then run in.

Milk toilet soap is made by the cold process—10 parts of tallow, 30 of palm kernel oil, 20 of 38° B. lye, and 20 parts of filling being taken. When stirred, colored and perfumed the soap is framed, but must be left uncovered until next day. It is then cut into slices to allow the ammonia to escape, otherwise both perfume and color will be affected. These toilet soaps require to be left a long while to dry, even after they are apparently so at the edges, since cakes of rounded form, if stamped while the soap is soft and sticky, will look as if the birds had been pecking at them.

The yield of these milk soaps is some 200 to 220 per cent., and the object in view—the working up of superfluous milk—is attained, though the product is not equal in washing power an consistency to good curd soap.

ANSWERS TO CORRESPONDENTS.

We gladly and as promptly as possible answer all reasonable questions in this column sent to us by our SUBSCRIBERS or ADVERTISERS.

Answers desired by mail should be accompanied by a stamped, addressed envelope.

Persons desiring not to be known as making an inquiry should add a *nom de plume* to their questions. By so doing they will avoid identification in this column. The correct name and address should, however, for the publisher's satisfaction, accompany each request for information.

R. S. T., NEW YORK.—According to an order of the United States Department of Agriculture, promulgated March 9, 1897, which was published in this journal at the time, "certificates will not be required with beef exported to other than European countries."

TEN MONTHS' EXPORTS.

The monthly summary of the exports of provisions, etc., prepared by the Bureau of Statistics, in Washington, which was referred to briefly in last week's issue, shows a general falling off in the movement of provisions, as compared with that of October, 1896. Canned and salted beef, tallow, lard, butter and cheese all show material losses, bacon alone exhibiting a gain of any importance. The following table shows the exports of provisions for the ten months of 1897, ending with October:

Ten months ending —October—		1896.	1897.
	Number.	Number.	
Cattle	315,412	329,802	
Hogs	1,175	2,469	
Beef Products—			
	Lbs.	Lbs.	
Canned	47,912,415	32,351,493	
Fresh	232,804,923	234,562,786	
Salted	71,844,140	36,046,278	
Tallow	78,781,569	44,342,690	
Hog Products—			
Bacon	49,886,674	465,039,671	
Hams	124,804,411	143,871,772	
Pork	50,862,301	54,780,943	
Lard	402,861,490	426,229,792	
Oleomargarine—			
Imitation butter ..	4,817,350	3,224,372	
Oleo (the oil)	96,057,832	96,282,115	
Dairy Products—			
Butter	29,335,729	29,199,082	
Cheese	37,515,798	52,298,276	

The following table shows the value of total exports of provisions, including cattle and hogs, for the various ports, with comparisons:

Ten months ending —October—		1896.	1897.
Baltimore	\$16,685,799	\$15,062,390	
Boston & Char't'n.	41,201,665	44,709,887	
New York	61,327,161	65,680,632	
Philadelphia	5,513,962	5,480,530	
Portland, Me.	1,800,368	1,455,008	
New Orleans	1,842,333	1,408,474	
San Francisco	560,286	552,678	
San't'n b'der dets.	6,330,139	6,502,235	
Total	\$135,351,713	\$140,851,924	

PACKING HOUSE MATTERS AND NOTES OF GENERAL INTEREST.

Persons contemplating the erection of packing houses or in need of packing house machinery will do well to make their wants known in this column. The foremost firms in the lines mentioned closely peruse the notes on this page, and prospective purchasers of machinery would be placed in immediate communication with them.

* A convention of the live stock breeders and feeders of the United States and Canada will be held in St. Paul, Minn., the date having been set for the third week in January.

* The absolute uselessness of placing any reliance on the value of so-called remedies for hog cholera that are advertised so freely, will be the keynote of a circular to be issued by the Minnesota State Board of Health, and it would be well, in the opinion of the board, in order to solve the problem, for the farmers to stop raising hogs for a time, and instead, raise sheep and cattle.

* Sealed proposals are invited until 12 o'clock noon Nov. 30 for furnishing the North Texas Insane Asylum with supplies, including beef, lard and provisions.

* Ground is being broken for Cudahy's sausage factory at South Omaha, to be five stories high, and completed before the warm weather arrives.

* In the eight months ending Oct. 31, the Indianapolis packinghouses have killed 556,000 hogs, being an increase over last year of 58,000, making it the banner season for local business.

* The Mound City Packing Company, of St. Louis, Mo., has been incorporated with \$300,000 capital. These gentlemen are the incorporators: James Quinlan, Gustave Kratkemeyer, Frederick Sisler and others.

* The Banks-Shanahan Company, of Cleve-

land, Ohio, has been incorporated with a capital of \$20,000 to carry on a business as brokers and dealers in produce, meats, fish, etc.

* Secretary Gage has requested the Secretary of the Interior to instruct the Alaskan officials to gather about 600 head of reindeer from the government herds for the use of the expeditions for the relief of the ice-bound whalers in the Arctic. It is expected that the Bear will be ready to sail from Seattle in a few days for some point on Nortons Sound, when a large party will be engaged for the six-hundred-mile overland trip to Point Barrow. The herd of reindeer, which will be

(Continued on page 32.)

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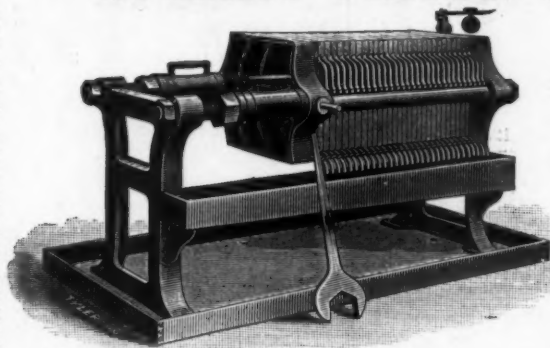
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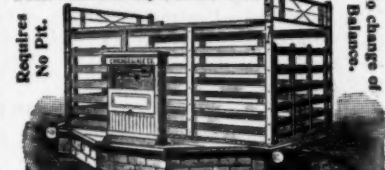
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SECRETARY WILSON'S ANNUAL REPORT.

Splendid Results Accomplished by the Department of Agriculture During the Past Year.

Below are given some of the most important extracts from the annual report of Secretary James Wilson, of the Department of Agriculture, of interest to the lines of trade covered by "The National Provisioner." This report was referred to briefly in our issue of Nov. 6, and it is now our purpose to go into it more fully.

Touching on the work of the Bureau of Animal Industry, in relation to meat inspection, it is stated that the appropriation at the disposal of the Bureau has not been sufficient to enable it to inspect all the animals slaughtered in the United States designed for interstate and foreign commerce. The work of inspection was in operation at 128 abattoirs and packinghouses located in 33 cities. The following table shows the number of ante-mortem inspections made in the stockyards and abattoirs, with the number condemned:

Animals.	For official abattoirs in cities where the inspection was made.	ANTE-MORTEM INSPECTION.		Total inspections.	Condemned at abattoirs.	Rejected in stockyards.
		In abattoirs and other places.	In stockyards.			
Cattle	4,289,058	3,900,967	8,250,025	195	24,951	
Sheep	5,179,643	2,864,712	8,044,355	757	10,503	
Calves	259,930	189,053	448,983	56	2,597	
Hogs	16,813,181	8,753,563	25,566,744	12,858	40,287	
Total	26,541,812	15,768,295	42,310,107	13,866	78,338	

The following table shows the number of post-mortem inspections, giving the number of animals rejected, with the number of carcasses and parts condemned as unfit for human food:

Animals.	POST-MORTEM INSPECTION.		Carcasses condemned.		Total.
	At abattoirs.	On animals rejected in stockyards.	At abattoirs.	Stockyard.	
Cattle ...	4,242,216	11,634	6,618	3,725	10,343
Sheep ...	5,209,161	4,733	3,086	1,052	4,738
Calves ...	273,124	787	238	311	549
Hogs ...	16,808,771	30,263	*41,562	12,929	54,491
Total	26,533,272	47,417	51,504	18,617	70,121

The meat-inspection tags or some other mark of identification were affixed to 14,510,002 quarters and 863,248 pieces of beef, 5,161,927 carcasses of sheep, 231,879 of calves, 524,556 of hogs, and to 314,947 sacks and pieces of pork.

The following table shows the number of animals inspected before slaughter, for abattoirs having inspection, from 1891 to 1897, inclusive:

Fiscal Year.	Cattle.	Calves.	Sheep.	Hogs.	Total.
1891	83,891				83,891
1892	3,167,009	59,089	583,361		3,809,459
1893	3,922,174	92,947	870,512		4,885,633
1894	3,862,111	96,331	1,020,764	7,964,850	12,944,056
1895	3,752,111	109,941	1,344,031	13,576,917	18,783,000
1896	4,050,011	213,575	4,710,190	14,301,963	23,275,739
1897	4,289,058	259,930	5,179,643	16,813,181	26,541,812

MICROSCOPIC INSPECTION OF PORK.

In the microscopic inspection for trichinae, 1,881,309 specimens were examined. The number of samples found infected was 13,

325, of which 3,243 were from carcasses and 10,082 from pieces of pork.

The number of pounds exported was 43,572,355, of which only 1,001,783 pounds went to countries not requiring a certificate of microscopic inspection.

Amount of pork microscopically inspected, fiscal years 1892-1897.

Fiscal Year.	To countries requiring inspection.	To countries not requiring inspection.	Total.
1892	22,025,698	16,127,176	38,152,874
1893	8,059,758	12,617,652	20,677,410
1894	18,845,119	16,592,818	35,437,937
1895	39,355,230	5,739,368	45,094,598
1896	21,497,321	1,403,559	22,900,880
1897	42,570,572	1,001,783	43,572,355

Considerable mention is made of the exportation of American butter to Europe, and the favorable reception it has received from our

months in 1896; but prior to the last year or two the butter exported was of low grades, as a rule, and made not so much with a view of establishing a regular trade as to take advantage of special and transient conditions of the markets at home and abroad, and to make profits on these occasional business ventures. The result has been to give foreign merchants, especially in Great Britain, the impression that the butter of this country was poor in quality, and that no regular supply could be depended upon. The report then treats of the experimental shipments of American butter which were handled in London by a representative of the Department of Agriculture, and of the better reputation which the American product immediately gained.

The cost of inspection of export animals, the Texas fever work and the inspection of animals imported from Mexico, was \$102,555.16.

Cattle and sheep inspected for export.

CATTLE.

Fiscal Year.	Number of inspections.	Number rejected.	Number tagged.	Number exported.
1897	845,116	1,565	410,379	390,554
1896	815,882	1,303	377,639	365,345
1895	657,756	1,000	324,339	324,299
1894	725,243	184	360,580	363,535
1893	611,542	292	280,570	289,240

Fiscal Year.	Number of inspections.	Number rejected.	Number exported.
1897	384,108	189	184,596
1896	733,657	893	422,603
1895	704,044	170	350,808
1894	135,780	..	85,800

Proposed Extension of Meat Inspection.

The most pressing work of the Bureau of Animal Industry for the coming year is the extension of meat inspection to abattoirs engaged in the interstate business, which has not yet been included in the service. Until all the establishments which kill for shipment to other States have been included, the object of the law in preventing the sale of diseased carcasses for human food will not be accomplished, and there will be a discrimination in favor of those who have received the inspection and against those who have not been able to obtain it. There is also a demand for increased microscopic inspection, which is necessary to permit the marketing of American pork products in the principal countries of Continental Europe. The exports of these products fluctuate largely from year to year, according to the condition of the market, and consequently it is impossible to foresee the expenditure which will be necessary to properly provide for the trade. There should either be an emergency fund which can be drawn upon for this purpose or the Department should be authorized to charge a reasonable sum—say 5 cents—for each specimen microscopically inspected, and the sum so collected should become additional to the appropriation, so that any demands made might be complied with.

Payment for Microscopic Inspection.—While I believe the general inspection of meats for sanitary purposes should be made by the government, without charge to the slaughterers, the microscopic inspection to a great extent is a commercial inspection, and the cost of it could be more legitimately assessed against the trade which it benefits.

*Includes 3,243 condemned on microscopic examination.

†Includes 10,082 condemned on microscopic examination.

dropping to 2,000,000 in 1870, rose to almost 40,000,000 in 1880. Since that time the quantity exported has been as low as 5,000,000 lb a year (1894), and as high as 31,000,000, the latter for the fiscal year ending June 30, 1897. New York City reports, for the commercial years ending with May, butter exports of 643,000 packages (about 60 lb each) for 1880,

CHICAGO LIVE STOCK REVIEW.(Written expressly for THE NATIONAL PROVISIONER by
Mallory, Son & Zimmerman Co.)

HOGS.—Receipts of hogs this week are about what the trade expected and the quality about the same as last week. The average weight is comparatively heavy, but the old hogs are becoming scarcer each week. A fair number of this year's crop of hogs are being marketed from Illinois, Wisconsin, Indiana and Eastern Iowa.

The receipts of hogs in the Eastern markets have been comparatively large and prices declined to about those current in this market. This condition, as usual, took away many of our Eastern orders, the packers had things about their own way, and as the provision market was allowed to decline still further, prices for hogs also declined 10c. to 15c., striking the lowest point of the season Tuesday. Declines from this point, as we have stated before, will be small and all declines will be followed by a reasonable reaction, such as occurred on Wednesday. The cash demand for the hog product continues large, but in the absence of speculation, it is a packers' market, and we still advise our readers to work on a conservative basis and not discount the future. The range in prices is still narrower and the bulk of the hogs are now selling within a range of 10c. to 20c. Strong weight light hogs, medium weight hogs of good quality and strictly choice heavy hogs are all selling at about the same prices. Light weight hogs, pigs and common heavy hogs are selling at a fair discount. The weather is much more favorable and as we still believe the demand will continue good, we would not be surprised to see a fairly active and more steady market in the near future. The bulk of the light and medium weight mixed hogs of good quality sold at \$3.40 to \$3.55; the bulk of the heavy packing and heavy mixed hogs sold at \$3.40 to 3.45; assorted light hogs, \$3.40 to \$3.55; pigs, from \$3.00 to \$3.35.

CATTLE.—Receipts of cattle this week show a large increase compared with recent receipts, and as usual at this season of the year the demand is somewhat curtailed, especially for butchers' stock and common cattle. The advance noted last week with so much "noise" had the desired result from a buyer's standpoint, as the advance was entirely lost on nearly all grades the fore part of the week, butcher stock selling fully 15c. lower and canners fully 25c. lower. Stockers and feeders continue dull and are 10c to 15c. lower. The market closes steady at nearly last week's prices.

We look for liberal receipts the balance of the month and do not advise our feeders to figure on much permanent advance this month. We still advise shipping cattle as fast as they are ready for market, as we would not be surprised to see even lower prices before the year is out.

SHEEP.—Receipts of sheep and lambs were liberal, but the demand continues good, but last week's prices were not maintained. Sheep declined 10c. to 20c. and lambs sold 15c. to 30c. lower.

There is nothing particularly new to be said in this department and we still urge all of our readers who have any sheep or lambs that are ready for market to ship them.

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don't amount to much in any business, but the sticking point is that a clerk is just as liable to make a mistake of \$2.00 as he is of two cents, and a few mistakes like this would pay for enough of Allison's Coupon Books to last a year or more. With these books mistakes are impossible.

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REFRIGERATING PLANTS INSTALLED.

If the packers paid the cost of the inspection, there would be no longer any reason for declining to extend it to all who apply for it, and the inspection could be applied to as many small pieces of pork as might be deemed necessary or advisable. At present inspection is demanded of pieces weighing only from 1½ to 3 pounds, and on account of the cost of inspecting such small pieces a limit of weight has been set (5 pounds), which is more or less unsatisfactory to the trade.

The inspection of export animals must be continued in order to certify to their healthfulness and maintain the market which has been secured for them in other countries. At present our live animals are shut out from most of the countries of Continental Europe, and it is only by inspection and certifying to their healthfulness that we can hope to have these markets reopened.

PACKING HOUSE MATTERS.

(Continued from page 28.)

killed for food, if needed, will be driven overland over a route abounding in moss upon which the reindeer feed, and it is confidently expected by the officers of the Revenue Cutter Service that the herd will reach Point Barrow and the imprisoned whalers before the middle of February. Capt. Tuttle, in command of the Bear, is regarded as one of the most capable and trustworthy men in the service, and no apprehension is felt regarding the success of the enterprise. It is believed that the relief expedition will reach the ice-bound fleet, consisting of eight vessels and its combined complement of 265 men, in ample time to prevent suffering from want of food.

* The Butchers' Benefit Association was reorganized in Springfield, Mass., elected officers and had an enjoyable dance.

* In a recent big cattle deal in St. Louis the operators cleared \$86,000 on a herd of 6,000 head.

* The Southern Pacific R. R. has erected three new packinghouses at Riverside, Cal., for \$12,000.

* At Cleburne, Texas, recently a very large Durham cattle deal passed three large herds to the ownership of Mr. Harry Landa, of New Braunfels, at an average of \$38 per head.

* The Willard Live Stock Company, of Lewiston, Mont., have assigned without preference. Assets are believed to be ample.

* Farson's refrigerator works on East Tenth street, Chester, Pa., suffered enormous loss from fire on Nov. 7.

* There is no more unprofitable occupation than that of trying to turn good pork, which would bring a satisfactory price in the market, into lard which will not bring a good price at all, and which at current market



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rates will not pay for the time, trouble and food thrown away upon the hogs.

* The Philadelphia pork market has the reputation of being the best market for a good quality of pork in the country.

* Two hundred pound porkers pay better than the heavy weights, of which some farmers are so unjustly proud.

* A Colorado ranchman purchased \$113,000 worth of cattle in Kansas to be shipped back and put on the range. This is an unprecedented occurrence.

* The general manager of one of the largest cattle companies in the West writes his Boston owners thus: "It appears that prices for cattle in 1898-9 will be high, so many range cattle have been shipped this year."

* The Brule Cattle Company, of Kimball, S. D., has been incorporated with a capital stock of \$25,000.

* The stockholders of the Kansas City Stockyards Company perfected their appeal in the United States Circuit Court by furnishing the necessary \$200,000 bond.

* A practical packinghouse man learned that it costs more proportionately to run a plant on half-time than it does to keep it in continuous operation.

* The Armour Packing Co., at Kansas City, are increasing their storage capacity.

* Geo. Eichenlaub is to build a modern abattoir at Chillicothe, Ohio, fitted with all the latest and best appliances and improvements.

* Fire recently broke out in the smokehouse of the Kohrs' packing establishment at Daventry, Iowa. Considerable meat was burned before the fire department succeeded in putting an end to it. Damage, \$500.

* It is reported that Ottawa, Kan., is taking the initial steps to secure a packinghouse.

* Philip Wenig, Pleasanton, Cal., has awarded a contract to Percival Madsen for the construction of a one-story building, near his brick refrigerator, which will be used as a slaughterhouse.

* The Carter Package Co.'s plant at Memphis, Tenn., which was recently destroyed by fire, will probably be rebuilt.

* An English syndicate, represented by Mr. R. Hope Brown, Jr., are negotiating for the rehabilitation of the Whittaker packing plant at Wichita, Kan.

* A company has been formed at Cleveland with a capital of \$300,000 for the purpose of building independent stockyards. Several Buffalo capitalists are interested. The new yards will be located on a tract of seventeen acres of land at the crossing of the Big Four Road, inside the city limits and adjoining the old yards, and are to be of the latest and finest construction.

* President Charles Wolff, of the Chas. Wolff Packing Co., of Topeka, Kan., has just consummated the purchase of thirteen lots east of his plant, and next year he will make \$25,000 worth of improvements on the place. The improvements will consist of a three-story extension to his present building, doubling the capacity of the plant.

* C. P. Johnson, president of the Interstate Association of Live Stock Sanitary Boards, has called a conference of the live stock sanitary boards and State veterinarians of Kansas, Nebraska, Missouri, Iowa, Illinois, Wisconsin, Indiana, Michigan, Ohio, Pennsylvania, Kentucky, Tennessee and Arkansas, to meet at St. Louis, Dec. 2, for the purpose of agreeing upon a quarantine line for 1898, with reference to Arkansas and Tennessee, on account of Southern or splenic fever.

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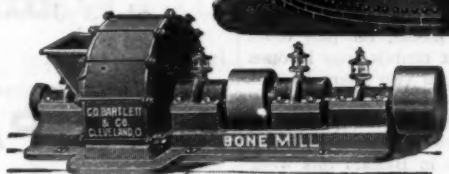
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ICE AND REFRIGERATION.

Those interested in this subject should not forget to look also at Packers' and Slaughterers' Notes, and other trade news columns in this paper.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 45.

—John R. Pitman, of Terre Haute, Ind., has resigned as treasurer of the Brazil (Ind.) Ice and Cold Storage Co., and the concern has temporarily been placed in the hands of a receiver.

—Melancon & Crawford, Washington, La., are to erect a cotton gin and ice factory at that place. The members of the firm, Oscar Melancon and Wm. M. Crawford, have completed preliminary arrangements.

—A new ice company may be formed by butchers and packers at Eau Claire, Wis., who will erect ice houses on Halfmoon Lake.

—A charter has been issued to the Mutual Ice Manufacturing and Cold Storage Co., of Charleston, S. C. The incorporators are Messrs. William A. Wheeler, president and treasurer, of Cincinnati; Thomas L. Bayne, of New Orleans; A. L. Treadwell, superintendent, of Boston; J. E. Burke, and H. R. Luhr, secretary, of Charleston. Capital stock, \$100,000. The company will do a wholesale and retail ice business and furnish cold storage. They will be ready to supply ice about March 15, 1898, and cold storage about April 1, 1898.

—The new Liberty Market at Pittsburg, Pa., which is to be ready for occupancy by May 1, is to be fitted with cold storage facilities in each of its 200 stalls.

—The Conneaut Lake Ice Co. propose to erect an ice manufacturing plant at Sharon, Pa.

—Douglass Wade, Warren, Pa., is putting up a cold storage building at the east end of Fifth street bridge.

—C. E. Wright has sold the plant of the Citizens' Ice, Coal and Electric Light Co. at Greenwood, Miss., to T. Satige Marye, the consideration being \$24,000, possession to be given Jan. 1, 1898.

—Claus Spreckels, the Hawaiian "Sugar King," recently placed an order with the American Ice Machine Co., of St. Louis, for thirty 5-ton refrigerating machines, which are to be erected at various places on his sugar plantations on the islands of Hawaii and Maui.

—The dairy hall at the State Fair at Des Moines, Ia., was refrigerated this year by a machine erected there by A. H. Barber & Co., of Chicago.

—The Louisville (Ky.) Cold Storage Co. has reduced capital stock from \$100,000 to \$32,500.

PERSONAL.

Phil. Null, the manager of the Cleveland house of Nelson Morris & Co., has the reputation of being an excellent salesman. He keeps the building, which comprises large coolers, salesrooms and stables, in splendid condition and is proud to show it to all comers.

L. B. Patterson, who has had charge of the Ohio and Northern Pennsylvania branches of Swift and Co., has been transferred to this concern's London office to assist Mr. Woodruff there.

Mr. N. Yegges, of 87 Lexington Market, Baltimore, and president of the Baltimore Butchers' Association No. 1, is alive to every interest of his association. He seems to be a man who is peculiarly suited for the rallying post of men in the butcher trade. A man so primed at every point with matters of trade interest is hard to find in any community.

The Maryland Centennial Butchers' Association found a valuable president in Mr. John Snyder, of Broadway Market. The Centennial Association has a big field ahead of it, and its members cannot stray far from the path of duty following his leadership. Baltimore seems to be fortunate in having such good organizing timber.

Mr. Hebbel, opposite the Lexington Market, Baltimore, is a very busy man. A good business man always is. For this reason the Ort Baltimore Metzger Unterstützungs Verein sounds very pleasant to a host of good people, and properly so. There is more in a man, perhaps, than in a name.

The many friends of J. W. Welsh will no doubt be pleased to learn of his success abroad, which he attributes to traveling with his eyes open and to being a regular subscriber to "The National Provisioner." Mr. Welsh for some years was employed with the old Johnstone Packing Company, of Chicago. He was very popular with his associates. Mr. Welsh is now manager of the West of England Bacon Curing Co., Ltd., Redruth. At the recent Dairy Show held in the Agricultural Hall, London, in the bacon competition for bacon cured in any part of the United Kingdom, the West of England Bacon Curing Co. were again successful. They obtained highest honors in each class, viz., first prize, silver medal, for smoked bacon, and first prize, silver medal, for pale dried bacon. This makes six medals won in open competition in London in two years by this company.

Mr. Jacob Ulmer, the veteran packer, of Pottsville, Pa., who now resides at Philadelphia, spent a few days in Buffalo this week and bought some hogs there incidentally. Mr. Ulmer has entirely recovered from the consequences of the railroad wreck in which he was caught some years ago.

Harry Robe, who is well known and has

many friends among those that ever had dealings in the East Buffalo Stock Yards, has entered upon a new and successful venture. He has become the proprietor of the Stock Exchange Hotel, which, during the short time of his ownership, he has turned into a model hostelry. His motto is "the best of everything." The many guests who patronize the place, both for meals and lodging, testify to the fact that this motto is appreciated. We wish Harry success and good luck.

Mr. E. E. Johnson, of Nute & Johnson, the well known live stock dealers, of East Buffalo, has been sojourning for a week at his home in Shelby, O., to attend his father, who is confined to his bed by illness and wanted to see him.

Mr. Michael Cudahy denies the truth of the rumor that he will purchase the Fowler Packing Company's plant at Kaw Point, Kansas City.



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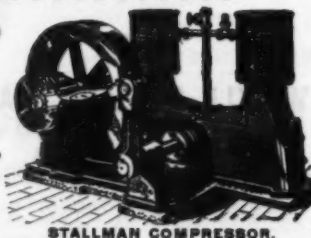
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DIRECT EXPANSION,
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STALLMAN COMPRESSOR.

We are the Sole Manufacturers of the
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For Simplicity, Durability, Efficiency and Economy
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Manufacturers of
Refrigerating AND Ice-Making Machines
AND ANHYDROUS AMMONIA.

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For production of Anhydrous Ammonia Compressors for refrigerating purposes, of First-Class Efficiency, Durability, Design, Workmanship and Finish, having a pair of vertical double-acting compressing cylinders, operating from two cranks driven by a horizontal double-acting steam engine, occupying a minimum floor space for given capacity, with automatic devices for circulating oil through the compressing cylinders for the purpose of securing perfect displacement of gas, of absorbing the heat of compression so as to require no water-jackets.

For first-class design of the ammonia condensing apparatus, involving the use of a special line of pipe-fittings and valves, of superior strength and completeness; for an excellent arrangement of cooling-water distributing surfaces and liquid ammonia collecting pipes, and complete provision for conveniently operating, cleaning and repairing all parts of the system so as to secure steady action under the most economical conditions.

For successful application of the principles of artificial refrigeration, by the direct expansion of ammonia.

For a complete system of constructing Refrigerating Plants and manufacturing specially designed appliances therefor, all of which are undoubtedly the most elaborate and complete fittings for this purpose yet introduced. The exhibitors adhere to the practice of making all pipe joints with screw threads, sealed with a special solder, which is undoubtedly the most secure method of making joints in ammonia work.

Approved.—W. A. JAMES,
Vice-President Departmental Com.

(Signed) J. E. DENTON,
Individual Judge.

Approved.—JOHN BOYD THACHER,
N. H. Chairman Executive
Committee on Awards.

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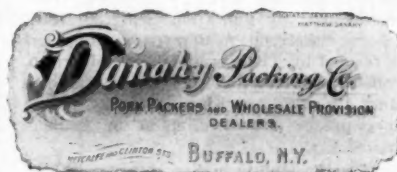
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SELL? PUT IT ON PAGE 45. DO YOU
WANT BARGAINS? SECURE THEM
ON PAGE 46.

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Refrigerant: Anhydrous Ammonia, Direct Expansion or Brine Circulation. Simple, Economical, Durable, Efficient. Particularly adapted for the Refrigeration of Packing Houses, Abattoirs, Cold Storage Warehouses, Fish Freezers, etc., and all work requiring low temperatures. 600 plants in operation at home and abroad. Address:

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MARKET REPORTS.

Brokers, commission houses and packers publishing regular market reports, desiring to send same to us for perusal and quotation, if valuable, will please mail same regularly to the Exchange Editor of THE NATIONAL PROVISIONER, 284-286 Pearl street, New York.

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NEW MARKETS.

Lehman & Julirat, of Berne, have opened a branch meat market at Linn Grove, Ind.

Taplin & Jones, Rockford, Ill., have opened a new meat market in connection with their grocery.

Charles Zanely has purchased the market in Bristol, Me., formerly run by G. W. Plumb. E. D. Leach has opened a meat market at East Blue Hill, Me.

George Strout has opened his meat market on Washington street, Haverhill, Mass., with a full line of meats and provisions.

August Favir and Thomas Connelly have opened a market in South Lee, Mass.

Gideon Smith has opened a meat market on Broadway, Newport, R. I.

E. Young, North East, Pa., has sold his Main street meat market to W. B. Graham, and given possession.

John Lyons, Plattsburg, N. Y., has sold his meat market to Jas. Lyons.

Scott Grishaw has opened up the West End meat shop at Tipton, Ind., and is asking a share of the public patronage.

The firm of O'Connell & McNeil, Delmar, Iowa, have sold out their rights of running a meat market in that place to Thos. Dignan. It is understood that O'Connell & McNeil will run a butcher shop in DeWitt, Iowa, taking Kelly & Loose's stand.

Charles Johnson, of Crosswell, will open a new meat market in Brown City, Mich.

W. T. Hanson has opened a meat market in the Hanson and Kline Building, Fulton, Ind.

A meat firm under the name of Roberts & Crocker, has been established at Dexter, Me. James Heber will open a meat market at Newport, Ind., in the near future.

John C. Lahl and E. R. Berkey contemplate opening a new market in Dawes' Block, Lorain, Ohio.

The Libby Bros., Evansville, Wis., have dissolved partnership in the meat business, I. A. Libby continuing in the business.

The partnership conducted under the name of James Morrison & Co., Cincinnati, Ohio, which expired by limitation Sept. 30, 1897, has been dissolved. A new partnership has been formed by Thomas and E. A. Morrison, as general partners, and they will continue to conduct a general provision and pork packing business under the firm name of Thomas Morrison & Co.

The firm of Heintz & Son, Marion, S. D., meat market, has been dissolved. The father, M. Heintz, will run the business alone hereafter.

C. A. Briscoe and R. H. Hoffman, Selma, Cal., have bought Drew's butcher shop.

W. C. Brousseau, Adams, Mass., has sold his Commercial street meat business to J. P. Flaherty.

Phil. Thompson, Portsmouth, Ohio, has purchased the interest of his partner, J. P. Rigrish, in the meat shop on Second street.

Rysdale Bros., Welland, Ont., are opening up a butcher business on Ferry street.

TALLOW, SOAP, GLUE, FERTILIZER AND COTTON OIL TRADE NOTES.

CORRESPONDENTS, SUBSCRIBERS AND OTHERS SENDING ITEMS FOR THIS COLUMN SHOULD MAIL THEM SO AS TO REACH THE EDITOR NOT LATER THAN THURSDAY EVENING.

Tallow-renderers, soap makers, glue manufacturers, fertilizer manufacturers, and cotton oil manufacturers could do well to make known their wants in this column, which would result in their being placed in immediate correspondence with the leading firms interested in these lines who carefully peruse these notes.

The plan of the glue manufacturers who are trying to interest Milwaukee tanners in a project of national scope is to get a sufficient number of large tanneries in the agreement to insure control of the materials used in making glue, the tanners to take a direct interest and share the profits, instead of marketing offal among the different glue concerns, which is the present practice. Several conferences have been held to discuss the plan, which is likely to be adopted, although nothing has yet been definitely decided.

The net profits of the American Cotton Oil Co. for the fiscal year ending Aug. 31, after deducting all expenses and interest on debenture bonds, was \$1,015,080, against \$334,790 last year; surplus after dividends on preferred stock, \$403,164.

The Maize Soap Co., Chicago, has been incorporated with a capital stock of \$15,000. Hamilton Moss, C. W. Lucas and C. S. Hardy, incorporators.

L. Harm, owner of the soap factory and coal yards on South Cameron street, near Mulberry, Harrisburg, Pa., will remove the factory and enlarge his coal yards.

The Niles Soap company's plant at Warren, O., has been purchased by the Labor Exchange Soap Co., of Youngstown, O.

Six cottonseed oil mills in New Orleans, La., grind 85,000 tons of seed, produce 3,750,000 gallons of oil, 32,000 tons of cottonseed meal and save besides 3,000 bales of cotton from the seed. All these a few years ago were a total loss, not even used in feeding stock. This showing is very favorable to cotton farming, the refuse of former times being worth as much as the lint, or equal to a price of from 11 to 16 cents a pound for cotton.

L. F. Kingsbury is to establish a soap factory at North Brookfield, Mass.

A smooth soap agent worked a still smoother game on A. K. Hodes, a grocer, of Freeport, O., who is out \$75. The stranger gave

himself as G. H. Melville and represented himself as traveling for C. C. Shultz & Co., soap manufacturers, of Zanesville, O. He took orders from most of the local grocers. The next day he had Hodes identify him at the First National Bank and endorse a draft for \$75. The draft has come back as a forgery uncollectable.

The Stilwell-Bierce & Smith-Vaile Co., of Dayton, O., has declared the twentieth regular quarterly dividend of 2 per cent. on the preferred stock of the company. Particulars will be found on page 45.

A cottonseed oil mill is being built in Hazlehurst, Miss., by local capital. I. N. Ellis is president and G. W. Covington secretary and treasurer. The Stilwell-Bierce & Smith-Vaile Co., of Dayton, O., is furnishing and erecting the machinery. It is a 40-ton plant, and will cost about \$25,000. The boiler house will be of brick and the framework of iron.

The N. K. Fairbank Co., of Illinois, has sued the Globe Soap Company for alleged imitation of their packages and labels. Damages are set at \$50,000.

FOREIGN NOTES OF INTEREST.

The Flesher's Trade Protection Committee, of Glasgow, Scotland, has sent a circular to shipowners, saying that after Dec. 1 the members of their organization will not purchase United States or Canadian live stock carried by shipping companies who transport live stock for importers not belonging to the organization.

GERMANY APPROACHING FAMINE CONDITIONS

The Boersen Courier, Berlin, a leading financial organ, says:

"We are approaching famine conditions. Victuals have risen in price to such an extent that the sustenance of a whole strata of the population is in doubt. Meat has become for the laboring classes, thanks to the import prohibitions, an article of luxury hardly attainable, and our poor crops have driven the prices of cereals to such heights that not only the industrial population and the dwellers in cities, but even the rustic population, excepting that part of it belonging to the suffering Agrarians, are threatened in their existence. The time is approaching when the government will be compelled to throw open again those avenues of trade which are now artificially clogged."

Mayor Hulbert, Kearney, Neb., has opened a meat market on the south side for the sale of Swift's Omaha meats.

Thos. Chapman has opened a new meat market on West Main street, Durand, Mich.

PL DIXON'S PERFECT LUBRICATING GRAPHITE.
The most Marvelous Lubricant Known.
Used Dry, or Mixed with Water, Oil or Grease.
NOT AFFECTED BY HEAT, COLD, STEAM OR ACIDS.
An Interesting and Instructive Pamphlet
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THE LARGEST SALE OF ANY LARD IN AMERICA.

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KANSAS CITY.

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EAST ST. LOUIS.

THE CUDAHY PACKING CO.

Packers of REX BRAND
PROVISIONS, CANNED GOODS AND BEEF EXTRACT.

SHIPPERS OF CHOICE

Dressed Beef, Hogs, Sheep, Calves, Beef and Pork Cuts, and all
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ROYAL LILY COMPOUND.

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Sell your calfskins to us. We divide all profits to stockholders. No other
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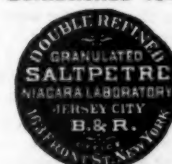
Our wagons call at your place for calfskins.

Try a LITTLE AD. on Page 45.

Battelle & Renwick,

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ESTABLISHED 1840.



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CRYSTALS,
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luck. Notably one case where the feeder had quite a number; the water failed for several days, and he was at the expense of hauling water some three miles; getting disgusted with this sort of an expense, sent his stock to the market, and they were barely sold when the heaviest rains of the season fell around his ranch. Reports are very conflicting through the country as to the scarcity of cattle. One fact, however, remains, that the packers are badly disappointed in their slaughter of canning cattle this year. In regard to beef cattle, they have always found plenty on the market. During the week very few export cattle shipped; 29 cars, against 15 cars last week, against 135 cars for corresponding week one year ago. Feeding shipments to the country were 633 cars, against 624 cars for previous week, against 530 cars for corresponding week one year ago. Shippers bought cattle as follows here last week: Cudahy 865, Hammond 422, Hall 349, Kraus 280, Swift 193, Schwarzschild 100.

HOGS.—During the week the hog market was very unsatisfactory indeed, to the shipper; heavy receipts in all the markets, so that there was not much of an Eastern demand; the packers therefore had it their own way, and, to be sure, made hay as long as the sun shone in their favor. On Monday tops started out at \$3.62; on Tuesday, \$3.50; Wednesday, \$3.47; Thursday, \$3.45, then a rally, and on Friday they paid \$3.55, but regretting such extravagance, on Saturday they put it back to \$3.50. The bulk sold on Monday, \$3.50@ \$3.60; Tuesday, \$3.40@ \$3.47½; Wednesday, \$3.30@ \$3.45; Thursday, \$3.30@ \$3.42½; Friday, \$3.40@ \$3.50, finally closing for the week at \$3.55@ \$3.42½. The prices paid last week put the hogs pretty near the dangerous level for corresponding week one year ago. The highest price during the past week, \$3.62½; the highest price paid on same day one year ago \$3.47½. The highest price paid for bulk during the past week on Monday, \$3.50@ \$3.60, and the highest price paid for same day one year ago, \$3.30@ \$3.45, so that the Kansas City packer who bet that we will get hogs at \$3.25, is not very far from the desired goal. Mexico being in the market for some heavy hogs, shipping 892 of 352-lb average, sustaining the price for heavy hogs while they were operating. The extra heavy selling at \$3.30@ \$3.40, but the heavier and coarser went down to \$3.10@ \$3.20. On Saturday the choicer heavies sold at \$3.30@ \$3.45, while the cut-outs went at \$3.20@ \$3.25. Pigs started out Monday at \$3.35@ \$3.40, and continued downward until Saturday; prices only ranged at \$3@ \$3.25. Some sucking pigs, however, in more demand, going at \$3.55@ \$3.60. The reports from the country still are that there are plenty of hogs to be marketed. Shipments of hogs last week 6,167. The destination as follows: Omaha 21 cars, Nebraska City 13, Mexico 12, Milwaukee 3. As the winter comes on the Kansas City hog puts on a heavier average, for the past week going 217 lb, but one year ago their progenitors went over the scales at 142 lb; 1895 gave 227 lb, 1894 gave 226 lb and 1893 gave 233 for corresponding weeks.

SHEEP.—During the week very strong prices were paid—in fact, the highest price paid for the season, when some 584 Utah lambs of 61-lb average sold at \$5.25. It is a long time since Westerns sold at this figure. Some native lambs of 92-lb average sold at \$5.75; some of 96-lb average sold at \$5.65, while some shorn lambs of 78-lb average sold as high at \$5.10. Feeders purchased here some four to six months ago by the Kansas and Missouri feeders are now coming back to the market showing a pretty good gain for the feeders. For instance, a bunch of 337 New Mexicans were bought in June at an average of 48 lb, costing \$3.25, were returned and

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Refrigerators, Cars, Etc.

WATERPROOF, AIR TIGHT, CLEAN, A HIGH NON-CONDUCTOR AND ABSOLUTELY ODORLESS.

sold this week, going across the scales at 73-lb average, at \$5.50 per 100 lb. We also note that 400 fed Colorados of 98-lb average sold at \$4.50; 200 Idahos of 109, \$4.30; 687 Utahs, 100-lb average, \$4.25; 500 Oregons of 97-lb average, \$4.50, which decidedly made the feeders good money. Some 390 Utah lambs of 62-lb average sold at \$5.25. Some 965 Utah yearlings, 91-lb average, at \$4.15, while some 85 Utah yearlings sold at \$4.50. Some 447 fed New Mexican lambs of 76-lb average sold at \$4.60. Some 657 New Mexican feeding lambs of 52-lb average sold at \$4.85. The packers and feeders still competing, and on some days purchasers actually go out to Argentine, a station some six miles distant from the stockyards, so as to be the first to make bids on the incoming herds of sheep; 749 New Mexican stock lambs of 50-lb average sold at \$4.75; some 800 New Mexican ewes of 70-lb average at \$5.15. Taking the whole market, very satisfactory indeed.

CHICAGO PROVISION MARKET.

The market for the past week has been a very quiet and dull one and as almost always the case such a market results in a lower range of values. There is very little outside speculation and not much in the outlook to tempt the outsider to come in. Live hogs have had quite a break in prices, but are still considerably out of line with a profitable packing business. Packers are selling quite freely against their killing, and as a general thing are using their best efforts to depress prices and get their cellars filled up at as low a price as possible, and until there is a radical change in the situation we can see no encouragement in buying, but would rather sell the market short on the hard spots and wait for a good sharp break before going long. The yellow fever in the South is over, but the cash demand is not as good as the trade generally looked for; there is only a hand-to-mouth buying, and dealers are only providing for their immediate wants. The highest prices for the past week were made at the opening Friday, but the steady and persistent selling by the packers caused a good break of about 20c. in pork and 10c. in lard and ribs, and since then the market has had a gradual and steady decline until today, when there was a rather firm market, caused in part by a rather lighter run of hogs than was looked for; and with prices 5c. higher at the yards. The weather has been, and is very good for feeding, and farmers are not rushing hogs to market. But should we have a good storm there would no doubt be heavy receipts of hogs and lower prices. Lard looks cheap at 4½, but it was 1c. a pound cheaper a year ago, and may go there again. There are plenty of hogs and lots of corn to fatten them, and there is more money in putting the corn in hog fat than selling at present prices. Then cottonseed lard is much cheaper now than a year ago and compound lard can be sold at 3½, and pay a profit.

RANGE OF PRICES.

THURSDAY, NOVEMBER 11.

	Open.	High.	Low.	Close.
PORK —(Per Barrel)—				
December....	7.37½	7.45	7.37½	7.45
January.....	8.37½	8.42½	8.37½	8.42½
LARD —(Per 100 lb)—				
December....	4.15	4.22½	4.15	4.22½
January.....	4.30	4.37½	4.30	4.37½

WM. E. WEBBE & CO. PROVISION BROKERS

807 ROYAL INSURANCE BUILDING,

CHICAGO.

W. J. WEIL, Manager Cash Provision Department.

	Open.	High.	Low.	Close.
RIBS —(Per 100 lb)—				
December....	4.32½	4.35	4.30	4.32½
January.....	4.35	4.40	4.35	4.40

FRIDAY, NOVEMBER 12.

PORK —(Per Barrel)—				
December....	7.47½	7.47½	7.30	7.37½
January.....	8.45	8.45	8.32½	8.35
LARD —(Per 100 lb)—				
December....	4.27½	4.27½	4.17½	4.20
January.....	4.37½	4.37½	4.32½	4.35
RIBS —(Per 100 lb)—				
December....	4.35	4.35	4.27½	4.30
January.....	4.40	4.40	4.32½	4.35

SATURDAY, NOVEMBER 13.

PORK —(Per Barrel)—				
December....	7.32½	7.37½	7.32½	7.35
January.....	8.32½	8.35	8.30	8.35
LARD —(Per 100 lb)—				
December....	4.17½	4.20	4.17½	4.20
January.....	4.32½	4.35	4.32½	4.35
RIBS —(Per 100 lb)—				
December....	4.27½	4.27½	4.27½	4.27½
January.....	4.32½	4.32½	4.30	4.32½

MONDAY, NOVEMBER 15.

PORK —(Per Barrel)—				
December....	7.25	7.32½	7.20	7.22½
January.....	8.27½	8.32½	8.20	8.22½
LARD —(Per 100 lb)—				
December....	4.15	4.17½	4.10	4.12½
January.....	4.30	4.32½	4.25	4.25
RIBS —(Per 100 lb)—				
December....	4.25	4.25	4.20	4.20
January.....	4.27½	4.30	4.22½	4.22½

TUESDAY, NOVEMBER 16.

PORK —(Per Barrel)—				
December....	7.22½	7.22½	7.15	7.22½
January.....	8.22½	8.22½	8.12½	8.20
LARD —(Per 100 lb)—				
December....	4.12½	4.12½	4.10	4.12½
January.....	4.25	4.27½	4.22½	4.27½
RIBS —(Per 100 lb)—				
December....	4.17½	4.20	4.17½	4.20
January.....	4.20	4.22½	4.17½	4.22½

WEDNESDAY, NOVEMBER 17.

PORK —(Per Barrel)—				
December....	7.32½	7.35	7.25	7.32½
January.....	8.27½	8.32½	8.25	8.30
LARD —(Per 100 lb)—				
December....	4.15	4.20	4.15	4.17½
January.....	4.30	4.32½	4.27½	4.30
RIBS —(Per 100 lb)—				
December....	4.20	4.27½	4.20	4.22½
January.....	4.25	4.27½	4.22½	4.27½

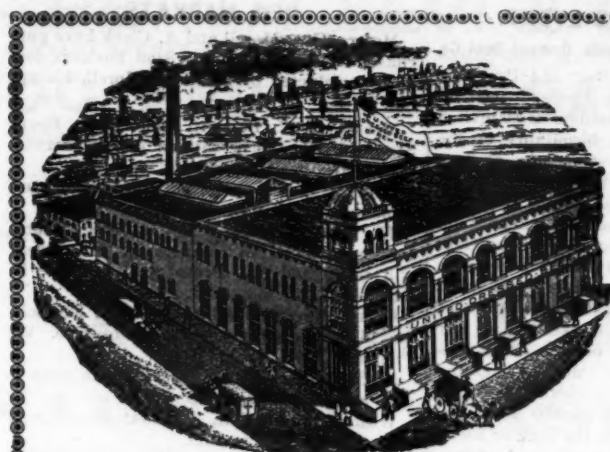
THURSDAY, NOVEMBER 18.

PORK —(Per Barrel)—				
December....	7.30	7.37½	7.27½	7.35
January.....	8.27½	8.32½	8.25	8.30
LARD —(Per 100 lb)—				
December....	4.15	4.17½	4.15	4.17½
January.....	4.30	4.32½	4.27½	4.30
RIBS —(Per 100 lb)—				
December....	4.22½	4.27½	4.22½	4.25
January.....	4.25	4.30	4.25	4.27½

FRIDAY, NOVEMBER 19.

PORK —(Per Barrel)—				
December....	7.32½	7.37½	7.32½	7.32½
January.....	8.30	8.32½	8.25	8.25
LARD —(Per 100 lb)—				
December....	4.17½	4.17½	4.15	4.15
January.....	4.30	4.30	4.27½	4.27½
RIBS —(Per 100 lb)—				
December....	4.22½	4.22½	4.22½	4.22½
January.....	4.25	4.27½	4.25	4.25

W. THOS. NASH,
BROKER.
Provisions, Lard, Grease, Etc.
240 LA SALLE ST.,
CHICAGO.



The United Dressed Beef Company

Salesroom Telephone
314 38th St.

Office Telephone, 303 38th St.

CITY DRESSED BEEF.

PACKERS AND EXPORTERS OF INDIA MESS AND ALL SALT BE. F.
MANUFACTURERS OF

Beef Casing, Dried Blood, Fertilizers, Oleo Oils, Stearine, Prime City Tallow,
Ground Bone, Horns and Cattle Switches, Selected Hides.

HIGHEST PRICES PAID FOR SHOP FAT AND KIDNEY SUET.

43d & 44th STREETS,
FIRST AVE. and EAST RIVER, NEW YORK.

ISAAC BLUMENTHAL, President.
LEWIS SAMUELS, Treasurer.

GEORGE STRAUSS, Vice-President
LEWIS A. LONDON, Secretary.

SWIFT'S..... CHICAGO DRESSED Beef, Mutton, Lamb, Veal, Pork

AND A FULL LINE OF

SWIFT'S FINE PROVISIONS

Can be had at our branch houses in
New York, Brooklyn and Jersey City.

BRANCH HOUSES:

NEW YORK.

G. F. & E. C. Swift, 105 Barclay st.
Gansevoort Beef Co., 22 and 24 10th ave.
Washington Market Sheep Co., W. Washington Market.
Swift Provision Co., Cor. 13th st. and 10th ave.
G. F. Swift & Co., Manhattan Market (W. 35th st.).
Swift Sheep & Prov'n Co., 11th ave., 34th and 35th sts. Centre Market Beef Co., Cor. Centre and Grand sts.

BROOKLYN.

Swift Brothers, 182 and 184 Fort Greene place.
Fort Greene Sheep Co., 172 Fort Greene place.
Swift Brothers, Wallabout Market.

JERSEY CITY.

Swift and Company, Ninth Street Market, 138 9th st. Swift and Company, Wayne Street Market.

G. F. and E. C. SWIFT,
Proprietors.

General Offices,
105 Barclay St., N.Y.

Cable Address: "ESSB" C.F."

Telephone: No. 436, JERSEY.

Jersey City Packing Company,

BEEF AND PORK PACKERS. CURERS AND EXPORTERS OF AND DEALERS IN FINE PROVISIONS. REFINERS OF LARD.
Manufacturers of "White Star" Brand of Lard. "Eagle" Brand of Hams and Breakfast Bacon. "Peerless" Brand Sausages.

BEEF AND PORK PACKED SPECIALLY FOR ALL CLIMATES.

Salesrooms and Packing Houses: 138-154 9th St., JERSEY CITY, N. J.

NORTH PACKING and PROVISION CO.

PACKERS AND JOBBERS OF
PROVISIONS

Highest Award, Diploma and Medal, at World's Fair, for Pure Lard, Hams, Bacon, Bbl. Pork, Neutral Lard, Sausages.

PURE LEAF LARD, 3, 5, 10-LB. PAIL TUBS,
TIERCES.

33 & 34 N. MARKET STREET, BOSTON.
444, 446 & 448 PRODUCE EXCHANGE, N. Y. CITY
PACKING HOUSE, - SOMERVILLE, MASS.

Try their North Star Brand for something extra choice. Sure to please.

William Ottmann & Co.,

PROVISIONS,
POULTRY
AND GAME,

BUTCHERS, PACKERS AND EXPORTERS,

FULTON MARKET

NEW YORK.

G. & D. ISAACS,

Abattoir and Salesroom:
240, 242, 244, 246, 248
Hudson Ave.
BROOKLYN, N. Y.

WHOLESALE
BUTCHERS

MANUFACTURERS OF

DUESETT BRAND EXTRA OLEO OIL, Stearine, etc.

John P. Squire & Sons' HAMS AND BACON

ARE THE FINEST IN THE WORLD.

Telephone 282 Franklin. Their process of preparing and curing gives that delicate flavor and beautiful color for which they are noted, and adapts them to any climate or season of the year.

OUR KETTLE RENDERED LEAF LARD CANNOT BE EXCELLED.

... 20 Harrison Street, New York.

HALSTEAD & CO.,
Packers and Provision Dealers.

200 FORTYTH ST., NEW YORK.

Registered Cable Address "Roomfull," New York

See Coupon on Page 26.

WANT AND FOR SALE ADS. can be found on PAGE 45.

NEW YORK CITY AND VICINITY.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.

** The meat inspectors of the Board of Health for the week condemned 2,900 lbs. beef, 11 calves (470 lbs.); 4,200 lbs. veal; 700 lbs. sheep; 25 barrels poultry (5,000 lbs.); 20 lbs. livers.

** A Jersey City knight of the cleaver, who, like the majority of butchers, has a love for a comfortable and well decorated domicile, gave the contract to a painter of that city to adorn his home. The bill—\$98—in due course of time was presented and paid. The painter, who believes in reciprocity, feeling that he must show his appreciation of the butcher's patronage, gave the latter a large order for meat. The value of the latter was 28 cents. (He might have made it 1 cent for each dollar.) The painter tendered the coin, whereupon, the butcher, overcome by this outburst of reciprocity, refused the payment and made the large-hearted painter a gift of the meat. Who says that butchers are not large-hearted and magnanimous? How about this particular painter, though? Any other butchers have painting jobs?

** G. F. and E. C. Swift have opened up the place at the foot of W. 39th street for the purpose of killing sheep, lambs and calves for the local trade. They are killing about 5,000 weekly.

** Mr. Connors, superintendent for Armour & Co., of Manhattan Market, returned from Richmond, Va., Thursday and says everything looks very favorable for a good trade there this winter.

** A new market has been opened recently by Louis Blanc at 138 8th avenue. The place has been elaborately fitted up by McLean with new fixtures and fittings.

** McLean has made new alterations in the following markets: Herman Huber, 126 Columbus avenue; Blum Sans, 560 Columbus avenue; Adam Schaefer, 785 Columbus avenue.

** Eisler & Son have reopened the market at 143 8th avenue, which was formerly occupied by E. L. Louis.

** The butcher shop at 144 7th avenue, which was owned by the late Herman Heydt for a number of years, was reopened under new management.

** The fourth annual bull of the Schwarzschild & Sulzberger Co.'s Mutual Benefit Association will be held at Terrace Garden on Dec. 21.

** It is reported that the Lister Agricultural Chemical Works are running several new wagons in New York and Brooklyn.

** The Morrison Meat Market, 158 Broadway, Brooklyn, of which Mr. H. N. Readings is proprietor, and Mr. D. A. Morrison is manager, is unique and characteristic of the men. The market is a large and a well supplied one for a retail butcher. It was opened on Oct. 1 of this year, with a brass band and other good things. In the large window a large, nearly pure Chesterwhite sow makes herself at home with her litter of nine pretty white pigs, who, with their mother, grunt their approval to the crowd of lookers-on. These pigs are those left from a litter of twelve. They are now eleven days old. Within the customer hears sweet strains of music, which is an unusual thing in a meat market. For this purpose the proprietors have secured a "Hungarian" band, who discourse all day long. Music in a butcher shop is an unusual thing, but why not there as well as in a restaurant? The innovation is a commendable and a delightful one.

** Albert Abels, a butcher at 129 Bowery street, Newark, made complaint at Police Headquarters that Paul Bauer, alias Geo. W. Duvall, who was arrested in New York recently for robbing women, passed a worthless check on him for \$29, and that Bauer's brother, Charles, who was employed by Abels, collected \$35 of his employer's money and disappeared.

** The World's Fair Beef Co., of 2350 2d avenue, have had their ice box newly refitted throughout.

** A choice line of meats, poultry and game can always be had at Henry Koch's market, 2270 2d avenue. This place was formerly owned by Henry Licht.

AN ENJOYABLE EVENT.

The installation of the St. Louis Dressed Beef Co.

The St. Louis Dressed Beef and Provision Co. had an "opening." On Thursday last all Greater New York butchery was invited to inspect and enjoy the hospitality of the new competitor for Eastern business, at their new premises, corner Fort Green Place and Atlantic avenue, Brooklyn.

Those who went—and hosts of butchers did go—found much to interest them. The class of meat that was whizzed from the car over the trolley into the cold storage room could not help but please the most artistic taste of the most fastidious. It is accurate to say that the installation was perfect. The temperature is uniform and the refrigerated chambers are dry and very clean, of course. The main room easily hangs 150 carcasses, while 50 more are stored in the smaller room. To this must be added the usual stock of sundries, pork, veal, dressed hogs and provisions.

This company ships its meat from that section of Missouri which is so famous for its succulent grasses and 550 to 750 pound carcasses. This meat is unloaded direct from the cars into the refrigerators without handling. The cars in which it is shipped are the special refrigerator cars of the St. Louis Dressed Beef and Provision Co. The hams and bacon handled by this new packing company are the Rosebut hams and bacon. The hams are Western pickle smoked out here. They are the only Western hams that are New York trimmed. This concern handles the White Lily open kettle rendered lard. These are some of the features of its business, for the St. Louis Dressed Beef Co. intend doing business. Their installation is perfectly insulated, and their meat is apparently as dry and fresh as when killed. The quarters are superb specimens of the young steers as a food product. Besides the character of its meat and provisions, and the perfect facilities for storing and handling it, this company has a patient, courteous and expert staff for handling both the beef and the customer with ease, and without injury to either. Mr. H. W. Holmes is the manager, and Mr. L. de Casse the cashier. Both of these gentlemen are business, every inch of them, and gentlemen by the same measurement. The tracks of the company's cold storage rooms were put in by John Duncan & Co., of Boston, Mass., while the lighting and wiring was done by the Western Electric Company.

Mr. Thomas Farrell, of 11th avenue, is the superintendent. Mr. Farrell needs no introduction to Greater New York. Beef properly killed and dressed must remain sweet and succulent under the above circumstances. The company has provided well for that result. Mr. Woldrich, of the St. Louis firm, will be on early next week to give things an extra push. The St. Louis Dressed Beef and Provision Co. has entered the Eastern gate full of beef and business, and ready for a fight.

* The contest for supremacy between the packers and butchers of Buffalo continues, and a settlement seems to be further off than ever. The packers are selling fresh pork loins at 6 cents per pound.

* The Ohio Provision Co. opened a new sales depot at Sheriff and Bolivar streets, Cleveland, this week.

* The new building of Armour & Co., at Erie, Pa., is expected to be under roof within a few weeks, when at once the necessary tracks, switching and refrigerating chambers will be put in place.

NEW MARKETS.

Messrs. Geo. Morell and A. Clark have purchased the meat and provision business formerly conducted by Sylvester Morell, Hampton, N. B.

Messrs. A. C. Bennett and O. J. Bean, Stanford, Fla., have entered into a partnership in the meat business.

Oakes & Gault, of Maroa, Ill., have opened a meat market at Clinton, Ill.

The firm of Probst & Myers, Jersey Shore, Pa., have dissolved partnership. Mr. Myers will retire and Mr. Probst will continue in business at the old stand.

George Morris, Herkimer, N. Y., has sold his Main street meat market to Geo. W. Padgham.

S. F. Banks, Rockland, Me., is to open a new market at that place.

Walter D. Dunbar, Belchertown, Mass., has opened a new market.

Webber Bros., who have been in the meat business for some time at Bellingham, Mass., have dissolved partnership.

Pierpont Brothers, wholesale meat dealers, of Waterbury, Conn., have broken ground for a meat market, on Main street.

The firm of Wm. Shreder & Co., composed of Wm. Shreder and C. C. Tanner, proprietors of the village meat market, at Holland, N. Y., has been dissolved, Mr. Tanner retiring from the firm.

The Central Market, Southampton, N. Y., has been sold by Mr. Bloch to Otto Schroeder, who assisted in the market during a part of the summer. Mr. Schroeder expects his brother to join him soon, and they propose to do a general business in buying and selling live stock of all kinds, as well as run a meat market.

CAKE AND MEAL.

The market for cottonseed products in Texas continues to decline. Quotations ranged as follows: Prime cottonseed cake and meal, \$12.50 to \$14 per short ton; lint, per pound, 2 to 2½ cents. Above prices are f. o. b. mill Texas interior points, according to location.

LOUISVILLE COTTON OIL REPORT.

(Special Telegram to "The National Provisioner.")

Louisville, Nov. 19.—Market weak and dull, mills accepting almost any firm offer made them. Prime summer yellow sold on quotation; 14c. bid for Georgia and Alabama prime crude; 13½c. for Texas. Sales are: Two tanks Texas prime crude, 14c.; two tanks Georgia do., 14c.

FERTILIZER MACHINERY.

Attention is directed to the ad. elsewhere in this issue of the York (Pa.) Chemical Works, C. H. Dempwolf & Co. This company builds a line of modern fertilizer machinery such as crushers, mills, mixers, elevators, screens, acid tanks, air compressors, bagging scales, dump cars, etc., etc. They have been engaged in this business ever since 1874 and naturally enjoy the confidence and esteem of a large patronage.

* The Schwarzschild & Sulzberger Co., of New York and Kansas City, are reported as contemplating the erection of a branch house in Buffalo, N. Y.

* The report that the Cleveland Provision Co. intend to start a branch house in Buffalo is denied by the president of the company.

* The Erie City Provision Co., of Erie, Pa., of which mention was made in the last issue of this paper, is occupying the premises formerly owned by the Bush Provision Co. They are entirely refitted and refurnished, and the proprietors are doing a good business, especially in sausages. Charles Claus, Jr., is a practical packer, having been formerly with the Pittsburg Provision Co., while Joe Gloeckler is well known as a good business man and salesman.

Horse Casings Wanted

SEND OFFERS TO
KACHELMACHER & BÖHMER,
174 Chambers St., New York.

---BERTH LEVI & CO.,---

82 PEARL STREET, NEW YORK.

19 MICHIGAN AVENUE, CHICAGO.

HOG AND BEEF CASINGS.

Importers of English, Russian and New Zealand Sheep Casings.

BEST GERMAN POTATO FLOUR.**FOOD PRESERVATIVE (DRY ANTISEPTIC.)**

TELEPHONE No. 1251 BROAD...

BECHSTEIN & CO.**SAUSAGE CASINGS***New York: 12 Coenties Slip.*

Chicago: Union Stock Yards.

London: 118 Great Suffolk Street.

Illinois Casing Company,

Cleaners and Importers of

Sausage Casings,

102 Michigan Street,

Chicago.

JOSEPH BACHARACH,

(Established 1876.)

IMPORTER AND EXPORTER**OF ALL
KINDS OF****SAUSAGES****347 Greenwich Street,**Telephone,
586 Franklin.

NEW YORK, U. S. A.

VONBERGER & CO., Ltd.,

MANUFACTURERS AND CLEANERS OF PRIMEST QUALITY

610 West 39th Street, NEW YORK.5 Cowcross St., LONDON. 48 Market St., GLASGOW.
19 St. Andrew St., LIVERPOOL.Established throughout Great Britain and Germany.
ONE QUALITY ONLY.**Sheep Casings,
Cattle Cuts,
Hog Casings.****"THE BEST."****SPICES****PLAUT & STRETCH,**
Importers and Jobbers of SPICES,
"PURITY SPICE MILLS."
50 Pearl Street, NEW YORK.
Supplies for the Packing, Provision and
Sausage Making Trades a specialty.
IF QUOTATIONS AND SAMPLES SENT TO ANY ADDRESS**N. WOLFSKEHL & CO., SAUSAGE
CASINGS.**
256 PEARL STREET, NEW YORK.**SALTPETRE KNOWLES BROS.**
181 Pearl Street, New York.
GRANULATED, POWDERED, CRYSTALS. ... MANUFACTURERS AND REFINERS. ...**TRANSPORTATION.****HAMBURG-AMERICAN LINE**

The Hamburg-American Line is the oldest German line and the largest steamship company in the world. It has a fleet of 68 ocean steamers, of which 15 are large new twin-screw passenger ships. This is a larger number than any other line possesses. The Hamburg-American is THE ONLY LINE carrying cabin passengers EXCLUSIVELY by twin-screw steamers.

TWIN-SCREW EXPRESS SERVICE.New York-Plymouth (London)-Cherbourg, (Paris)-Hamburg
Holding the record for fastest time on this route.**Twin-Screw Mail Service** between NEW YORK and HAMBURG direct.Palatia.....Nov. 20, 2 p.m. | Patria.....Dec. 4, 2 p.m.
Prussia.....Nov. 27, 8 a.m. | Pennsylv.Dec. 7, 4 p.m.

Steamers marked thus* take no cabin passengers.

The Pennsylvania is the largest carrier afloat.

BALTIC LINE TO CHRISTIANA, COPENHAGEN and STETTIN.

Ambris.Nov. 20, 2 p.m. | Georgis.Dec. 4, 2 p.m.

*Twin-screw steamers.

Winter Cruise to Madeira, the Mediterranean and the Orient, from New York by steamship Augusta Victoria January 27, 1898. For further particulars, illustrated pamphlet, rates, etc., apply to

Hamburg-American Line,

37 Broadway, New York, 159 Randolph St., Chicago

"BIG FOUR"**THREE GREAT TRAINS.****"KNICKERBOCKER SPECIAL"**

BETWEEN

ST. LOUIS, INDIANAPOLIS, CLEVELAND, CINCINNATI
NEW YORK and BOSTON.**"SOUTHWESTERN LIMITED"**

BETWEEN

CINCINNATI, COLUMBUS, CLEVELAND,
NEW YORK and BOSTON**"WHITE CITY SPECIAL"**

BETWEEN

CINCINNATI, INDIANAPOLIS AND CHICAGO.

E. O. McCORMICK,
Pass. Traffic Mgr.D. B. MARTIN,
Gen. Pass. & Tkt. Agt.A. ZIMMER, Sheep Buyer. JOHN ENOCH, Cattle Buyer.
C. W. ZIMMER, Hog Buyer.**ZIMMER BROS.,****COMMISSION MERCHANT****FOR THE PURCHASE OF CATTLE,
SHEEP AND HOGS.**

OFFICE, Live Stock Exchange, N. Y. C., Room 19,

STOCK YARDS, East Buffalo, N. Y.

I do a strictly Purchasing Business, I will not handle any sale stock under any consideration, consequently I have but one interest in the market. THAT IS to keep prices as low as possible.

H. SCHEIDEBERG,

(Established 1873)

Manufacturer of and Dealer in all kinds of

SAUSAGE CASINGS AND DIRECT IMPORTER OF
English Sheep Casings

Best Sausage Casings of Every Description.

624 W. 48th St., NEW YORK**THE NATIONAL PROVISIONER.**
ANNUAL SUBSCRIPTION**ONLY \$4.00 FOR 52 WEEKLY ISSUES.**
FOREIGN, \$5.00.

OLEO AND NEUTRAL LARD. (MARGARINE.)

The Rotterdam oil market has been steady all week at 40 florins. No new features are presented. Shipments from this country are moderate. Neutral lard in fair demand. Colder weather in Europe is likely to increase the demand for butter (cottonseed) oil.

SALES OF OLEO OIL IN ROTTERDAM.

The following sales were cable for the week ending Nov. 19:

- Nov. 12. Helmet sold at 40 florins.
- " 12. Morris Extra sold at 40 florins.
- " 12. Monarch sold at 37 florins.
- " 12. Red Star sold at 35 florins.
- " 12. Calumet stock sold at 35 florins.
- 780 tes. sold.
- Nov. 13. Eastman Extra sold at 40 florins.
- " 15. Helmet sold at 40 florins.
- 90 tes. sold.
- " 16. Harrison sold at 40 florins.
- 100 tes. sold.
- Nov. 18. Morris Extra sold at 40 florins.
- " 19. Harrison sold at 40 florins.
- " 19. Helmet sold at 40 florins.
- " 19. Morris Extra sold at 40 florins.

Sales for the week, 2,900 tes. spot.

Nov. 13, stock in first hands, 2,900 tes.
Nov. 13, stock afloat.—Per stmr. Spaarndam from New York Nov. 6, due Nov. 18, 2,167; per stmr. Tampico from Balto. Nov. 6, due Nov. 17, 880 tes.; per stmr. Durango from Balto. Nov. 13, due Nov. 24, 1,310 tes.; per stmr. Rotterdam from New York Nov. 13, due Nov. 23, 2,160 tes.; per stmr. Adeline Patti from Balto. Nov. 20, due Nov. 29, 1,805 tes. Total, 8,312 tes.

Nov. 13.—Our London cable reports: Butter, market firm; Margarine, market quiet and steady.

Imports into Great Britain for week ending Nov. 6, 1897.—Butter, 57,335 cwt.; margarine, 19,121 cwt. 1897.—Butter, 48,000 cwt.; margarine, 19,000 cwt.

Exports of Oleo Oil to Rotterdam.

Nov. 13. Per Stmr. Rotterdam—Armour & Co., 195; Armour Packing Co., 120; Wolf, 60; Eastman, 215; Hammond, 215; Swift, 605; Isaacs, 20; S. & S., 851; H. M., 60.

Nov. 15. Per Stmr. Durango—Armour & Co., 500; Armour Packing Co., 120; Morris, 420; Cincinnati Abattoir Co., 23; Cudahy Packing Co., 60; Martin, 120.

Neutral Lard.

Nov. 13. Per Stmr. Rotterdam—Armour Packing Co., 61.

Nov. 15. Per Stmr. Durango—Kingman, 130; Swift, 100; Friedman, 150; C. P. Co., 75; Cinn. Abattoir Co., 37.

NEW YORK PRODUCE EXCHANGE NOTES.

James B. McManon, manager of the N. K. Fairbank Co., has just arrived here from Chicago, on his usual monthly trip about the various branch houses of the concern, and in the few minutes that he found time to visit the Produce Exchange floor he was cordially welcomed by a large number of business acquaintances.

Henry C. Butcher, president of the Southern Cotton Oil Co., has been for two or three days on 'Change in the cotton oil group.

Produce Exchange memberships depend upon a sale to give a decided idea of their prices. It was thought that one or two could have been bought at \$200. Yet from this to \$225 and even more money quoted in a nominal way. It was understood that one sold early in the week at the Real Estate Exchange for \$160, and then again on Wednesday at Muellers' that one had sold for \$220, and the other two then offered there withdrawn.

Chicago has been well represented in visitors at the Produce Exchange this week. From that point were N. V. Leslie, A. Valentine, Geo. F. Baldwin, A. D. Plumadore, F. F. Frazier, J. D. Rosh, E. C. Walker and W. S. Carver. Other visitors were Edward P. Borden, of Philadelphia; F. W. Page, London; H. Uhlman, Hamburg; S. H. Hay, Liverpool; Philipp Bauer, Hamburg; Geo. Gilmore, Jamaica, W. I.

There were elected to membership of the Produce Exchange Nov. 17: Theophile Klatschke, Wm. Bell Latta (Hecker, Jones, Jewell Milling Co.), Wm. Leroy (Pennsylvania Milling and Export Co.), J. S. Macklin, Geo. Reitze (Reitze, Stern & Schmidt), John M. Talbot (Scott, Alexander & Talbot), Walter K. Willets (Titus, Wells & Willets).

There have been proposed for Produce Exchange membership: Geo. W. Brown, (hops) by F. Von Graburg; James M. Clarke (Clarke & Campbell), by E. W. Burr, and Lindley R. Morley (grain), by O. M. Mitchell.

Supplementary Reports. PROVISIONS AND LARD.

(Continued from page 14.)

To-day (Friday) the opening of the Chicago market was 2 lower on pork, and unchanged to 2 points down on lard and ribs, but from this became a little firmer, although the speculation was of a reserved order, and the tone did not indicate more than steadiness, closing with a reaction and a decline for the day of $2\frac{1}{2}$ @5 for pork and 2 points for lard and ribs. There is a belief that any changes in prices in the near future will be of a small order, but that current prices are essentially bottom, and when declines occur that they will be followed by reactions to keeping values very close to their current position, and that any marked changes more favorable to an upward tendency are likely to come about only as it is felt that the rush of the hog supply is over. The English crowd were moderate sellers to-day, while the buying was mainly local. At Chicago, pork: November closed 7.32 nominal; December opened 7.32 nominal, advanced to 7.37, closed 7.32 asked; January opened at 8.30@8.32, sold at 8.32 down to 8.25, closed at 8.25@8.27; May closed at 8.52. Lard: November closed 4.15 nominal; December opened at 4.17, was at 4.15 bid, to 4.17, back to and closing at 4.15; January opened at 4.30, was 4.27 bid, closed at 4.30 asked; May opened 4.45 bid, sold at 4.47, back to 4.45, closed at 4.45. Ribs: November closed 4.22 asked; December opened at 4.22, closed at 4.22; January opened at 4.25@4.27, sold at 4.27, then at 4.25, closed 4.25 asked; May opened at 4.40, sold at 4.37, closed at 4.37. The receipts of hogs were 68,000 head at all points West, including 32,000 head at Chicago, where the market was strong on best grades and weak for common. Last year corresponding day, receipts of hogs, 40,400 head, of which 17,900 head at Chicago. At New York, cash Western offered at 4.50. Of city steam sales of 150 tes. at 4.25. Refined has moderate attention here, with Continent at 4.75; South American at 5.15, do, kegs, 6.25; compound lard at 4@4 $\frac{1}{2}$. Pork had following sales of 200 bbls. at \$8.25@8.90 for old and new. Of cut meats sales of 5,000 lb. pickled bellies, 12 lb average, at 6 $\frac{1}{2}$; do, 10 lb, at 6 $\frac{1}{2}$; 800 pickled shoulders at 5 $\frac{1}{2}$, and 1,600 pickled hams at 7@7 $\frac{1}{2}$. Hogs 4 $\frac{1}{2}$ @5 $\frac{1}{2}$ for bacon to light averages, and 5 $\frac{1}{2}$ for pigs.

TALLOW AND STEARINE.

(Continued from Page 18.)

For tallow the market to-day (Friday) is a little bit excited, and through a demand from the West. Orders were received to-day thence to buy city in hogheads upon this market at 3 $\frac{1}{4}$. That advanced price was bid to all of the melters here, and they declined to sell; in fact, just now they refuse to put a selling price upon their holdings or offerings for next week. The position is very sensitive on the large reductions that have been made in the supply here. Of country made, sales of 125,000 lb. at 3 $\frac{1}{4}$ @3 $\frac{1}{2}$, as to quality. Chicago is strong at 3 $\frac{1}{4}$ for best packers.

In oleo stearine no further trading, with sellers here at the recent decline to 4 $\frac{1}{2}$, and at Chicago at 4 $\frac{1}{2}$.

Of oleo oil, sale of 200 tes. best brand at 40 florins.

COTTONSEED OIL.

(Continued from Page 22.)

To-day (Friday) there is a firmer tendency; sales had been made of 200 bbls. prime yellow on the dock at 21, and 500 bbls. ditto f. o. b., at 21 $\frac{1}{2}$, while 21 $\frac{1}{2}$ is further bid for important parcels, although smaller quantities could be had at 21 $\frac{1}{2}$.

There was a tank of crude obtained in the Carolinas at 13 $\frac{1}{2}$ for this market; this 13 $\frac{1}{2}$ price, we believe, is the lowest price ever accepted by the Carolina mills, although not much can be had at that. Some sections along the Atlantic at the close are getting less seed at the reduced price of \$7 per ton, but most of the mills are liberally supplied from recent deliveries.

In Texas the receipts of seed are dropping off, but this is natural with this advanced season, although a lower price is bid there for it.

NEW YORK MARKETS. OCEAN FREIGHTS.

The market for ocean freights continues strong. We quote:

	Liverpool, per ton.	Glasgow, per ton.	Hamburg, per 100 lbs.
Oil cake	15/	15/	\$0.18
Canned meats....	20/	20/	1.65 Marks.
Bacon	20/	20/	1.05 "
Lard, tes	20/	20/	1.05 "
Lard (sm. p. kgs.)	20/6	25/	1.20 "
Butter	22/6	30/	2 M. "
Tallow	17/6	20/	1.60 "
Cottonseed oil, bbl.	4/	4/	1.90 "
Beef, per te	4/6	4/	1.95 "
Pork, per bbl	2/6	3/	3.75 "

Direct port U. K. 3/ for large steamers, and 3/4 for small steamers berth terms. Direct port continent berth terms 3/4%. Cork for orders 4/.

LIVE CATTLE.

Weekly receipts:

	Beoves.	Cows.	Calves.	Sheep.	Hogs.
Jersey City.....	3,491		1,083	16,225	19,060
Sixtieth St	3,327	41	2,630	17,848	272
Fortieth St					18,808
Hoboken	2,183	43	55	1,921	
Lehigh Val. R.R.	1,366				4,312
Scattering			92	197	
Totals	10,387	84	3,910	36,191	36,122
Totals last week.	11,310	103	3,516	32,911	35,312

Weekly shipments:

	Live Cattle.	Live Sheep.	Q. 1st
Eastmans Company	2,222	....	2,200
Nelson Morris	316	....	2,160
Swift & Company	210	....	1,452
Schwartzschild & Sulzberger.	413	....	2,486
J. Shamburg & Son	834	....
J. A. Hathaway	170	....
L. S. Dillenback .....	....	23	....
Total shipments	1,679	23	9,658
Total shipments last week....	2,201	109	10,174
Boston " this week....	2,338	1,944	7,462
Baltimore "	530	610	1,435
Philadelphia "	226	....	1,010
Newport News "	331	....
Montreal "	2,872	889	
To London	2,185	846	2,486
To Liverpool	4,897	2,797	15,819
To Glasgow	843	....
To Bristol	363	....
To Southampton .....	....	....	1,940
To Hull	88	....
To Bermuda and West Indies	....	25	....
Totals to all ports	8,016	3,438	19,965
" " " last week	9,685	3,315	20,300

QUOTATIONS FOR BEEVES (New York).

Good to choice native steers.....	4 80	5 05
Medium to fair native steers.....	4 50	4 75
Common native steers.....	4 00	4 40
Stags and Oxen.....	2 75	4 50
Bulls and dry cows.....	1 75	3 25
Good to prime native steers one year ago.....	4 75	5 00

LIVE CALVES.

Market was slow and draggy at about steady prices. Grassers and buttermilks strong at $\frac{1}{4}$ @ $\frac{1}{2}$ c. higher. We quote:

Live veal calves prime, per lb	7	8
" " common to good, per lb.....	5	7
Live Calves, buttermilks and grassers, per lb. 3	4	5
" Western, per lb.....	4	5

LIVE HOGS.

The market was lower this week, owing to large receipts of hogs in the West. We quote: Hogs, heavy weights (per 100 lb.) extreme.... 3 75 4 00 Hogs, heavy

Hogs, light to medium	4 00	4 25
Pigs	4	40
Roughs.....	2 50	3 00

CHICAGO.

Union Stockyards—Hogs slow but steady to a shade lower; light, \$3.30@3.52 $\frac{1}{2}$; mixed packers, \$3.35@3.55; heavy shipping grades, \$3.20@3.52 $\frac{1}{2}$; rough packing grades, \$3.20@3.30. Hogs closed firm; packers bought \$26.200; shippers bought 4.500; left over, 3,000. The estimated receipts for to-morrow are 27,000.

CINCINNATI.

Hogs strong and active at \$2.75@3.50.

EAST BUFFALO.

Hogs active and higher; 22 cars on sale; Yorkers, \$3.62@3.65; mediums, \$3.65, few at \$3.70; heavy shipping grades, \$3.65@3.70; pigs, \$3.55@3.65; common to choice roughs, \$3.40@3.25.

EAST LIBERTY.

Hogs active; best Yorkers and medium weights, \$3.60@3.65; fair Yorkers and pigs, \$3.55@3.60; heavy weights, \$3.50@3.55.

EASTMANS COMPANY

OF NEW YORK.

CITY DRESSED BEEF.

Salesroom and Abattoir:

59th STREET, 11th AND 12th AVENUES.

NEW YORK.

Telephone Call, 896-38th St.

Main Office Telephone Call, 641-38th St.

TELEPHONE NO. 61 40TH STREET.

JOSEPH STERN & SON

(SUCCESSORS TO STERN & METZGER).

WHOLESALE BUTCHERSABATTOIRS, 616, 618 & 620 W. 40th St.
SALESROOMS, 617, 619 & 621 W. 39th St., N. Y.BEST QUALITY OF CITY DRESSED REFRIGERATED
BEEF ALWAYS ON HAND.**KINGAN & CO., Ltd.,**Pork and Beef
Packers,

INDIANAPOLIS, - - IND

BRANCHES:

RICHMOND, VA.
NEW YORK, Manhattan Market.
PHILADELPHIA, PA., Vine Street.
BALTIMORE, MD., South Street.
MEMPHIS, TENN.
SAN FRANCISCO, CAL.
SYRACUSE, N. Y.**KAUFMAN & STRAUSS,
WHOLESALE BUTCHERS**Slaughter House, 622 & 624 W 40th Street.
Salesroom, 623 & 625 W 39th Street
Office, 623 West 39th St., NEW YORK.
TELEPHONE 1430-38TH ST

E. S. NUTE.

E. E. JOHNSTON.

NUTE & JOHNSTON,

COMMISSION BUYERS OF

**HOGS, SHEEP
AND CATTLE.**

N. Y. CENTRAL LIVE STOCK YARDS

EAST BUFFALO, N. Y.

OFFICE, ROOM 15, EXCHANGE BUILDING.

Established 1850.

SCHWARZSCHILD & SULZBERGER CO.,

NEW YORK ABATTOIRS: KANSAS CITY.

Packers and Curers of Choicest Grades of

Beef, Veal, Mutton and Pork,

ALL PACKING HOUSE PRODUCTS.

MAIN OFFICES:

45th St. & First Ave.

NEW YORK CITY.

MAIN BRANCH AND ABATTOIR:

1st Ave., 45th & 46th Sts. & East River.

DEPOTS: 518 West Street; Gansevoort Market; Tompkins Market, Third Ave. and 7th St.;
First Avenue and 102d Street; Twelfth Avenue and 132d Street.

BROOKLYN:

DEPOTS: Pacific and 5th Avenues; Wallabout Market.

Also Branches and Depots in all of the Principal Cities of the United States.

N. H. Snyder, SHIPPER AND DEALER IN
Standard Provisions
and Meat Specialties,Tongues, Tripe and Pigs' Feet in Vinegar, 25, 50 and 100-lb Kegs. Hotels and the Trade
solicited. Orders by Telegraph or Letter promptly attended to.

231 FULTON STREET, NEW YORK.

Telephone Call:
3066 Cortlandt.

100-161 WASHINGTON MARKET, NEW YORK.

537 COOKMAN AVE., ASBURY PARK, N. J.

TELEPHONE 578A,
38TH STREET.**J. M. & P. SCANLAN,**

108 BROOKLYN.

WHOLESALE DEALERS IN

MUTTON, LAMB AND VEAL.

Main Office and Abattoir, 613 to 619 West 40th Street, New York.

Branches at: West Washington Market, New York, 160 Fort Green Place, Brooklyn.

ALSO DEALERS IN

PULLED WOOLS, PICKLED SHEEP AND LAMB FEET

THE HARLEM PACKING HOUSE**RICHARD WEBBER,**

OFFICE AND REFRIGERATED SALESROOMS:

120th Street and Third Avenue,

NEW YORK.

ABATTOIRS, FOOT OF W. 39th St., NEW YORK

ST. JOSEPH, MO. SIOUX CITY, IA.

**Insulating Paper.**

Guaranteed Pure Manila Rope.

Made Especially for Lining Refrigerators,
Cold Storage Buildings, Refrigerator Cars,
Ice Houses, and Drying Kilns.

Samples and Prices for the Asking.

C. S. GARRETT & SON,
PAPER MAKERS,

Nos. 12 and 14 Decatur St., Philadelphia, Pa.

CASINGS**WEIL'S CASING COMPANY,**626-630 HOWARD ST., BUFFALO, N. Y.
Cleaner of and Dealer in
all kinds of SAUSAGE CASINGS.
Best Spices, Saltpetre and Potato Flour.**F. BECKER & CO.**

3362 South Halstead St., CHICAGO, ILL.

Manufacturers of BEEF and HOG CASINGS
and Dealers in IMPORTED SHEEP CASINGS.Also, all kinds of BUTCHER SUPPLIES.
Factory, Union Stock Yards. Telephone Yards 668**See Coupon on Page 26.**

INDIANAPOLIS.

Hogs steady at \$3.45@3.52½.

PEORIA.

Live hogs firm; light, \$3.20@3.40; mixed, \$3.25@3.42½; heavy, \$3.20@3.42½; roughs, \$2.90@3.15.

ST. LOUIS.

Hogs 5c. lower; Yorkers, \$3.40@3.45; packers, \$3.35@3.45; butchers, \$3.45@3.50.

LIVE SHEEP AND LAMBS.

The demand was very slow this week, prices continuing about steady. We quote:

Live spring lambs, per lb. 5 a 6½
" sheep, good to prime, " 4 a 4½
" poor to fair, " 3 a 4½

LIVE POULTRY.

There is a moderate demand. Market weak and irregular. A few choice heavy fowls and chickens; namely, Indians, sold at ½c. above top quotation. Turkeys plenty and weak. Ducks and geese unchanged. We quote:

Chickens, local and Western, per lb. 7 a 8
" Southern, " 7 a 8
Fowls, per lb. 7½ a 8½
Roosters, per lb. 4 a 5
Turkeys, per lb. 9 a 10
Ducks, Western, per pair. 50 a 60
" Southern and Southwestern, per pair 40 a 50
Geese, Western, per pair. 1 00 a 1 25
" Southern and Southwestern, per pair 75 a 1 00
Pigeons, old, per pair. 30 a 35
" young and mixed, per pair. 15

DRESSED BEEF.

There has been a considerable falling off in the beef market this week. Trade has been very slow, a few choice natives bringing 8½c. We quote:

Choice Native, heavy. 7½ a 8
" light. 7 a 7½
Common to fair Native. 7 a 7½
Choice Western, heavy. 6½ a 7½
" light. 6 a 6½
Good to prime Western. 7 a 7½
Common to fair Texan. 6½ a 7½
Good to choice Heifers. 5 a 7
Common to fair Heifers. 5 a 6
Choice Cows. 5 a 6
Common to fair Cows. 5 a 5½
Good to choice Oxen and Steers. 5 a 6
Common to fair Oxen and Steers. 5 a 5½
Fleshy Bologna Bulls. 5½ a 5¾
Bologna Cow beef, boned. 4½ a 5

DRESSED CALVES.

The market on calves has been about the same as last week, sales being slow. A few fancy city dressed bringing 12½c. Butter-milks ranging steady. We quote:

Veals, City dressed, prime. 11 a 12½
" common to good. 10 a 12
" buttermilks. 6 a 7½
" Country dressed, prime. 10 a 10½
" common to good. 9 a 9½
" buttermilks. 7 a 8½
" C. d., poor buttermilks and grassers. 5 a 7

DRESSED HOGS.

There has been a fair supply and market ruled easier. Heavy weights ruled from 5½c. country dressed being a shade better. We quote:

Hogs, heavy. 5 a 5½
Hogs, 160 lbs. 5½ a 5½
Hogs, 160 lbs. 5½ a 5½
Hogs, 140 lbs. 5 a 5½
Pigs. 6 a 6½
Country dressed. 6 a 7

DRESSED SHEEP AND LAMBS.

Market slow and easier, common stuff selling as well as good stuff; heavy meats being neglected; a few choice lambs selling at 9½c. We quote:

Good to choice lambs. 8 a 9
Common to medium lambs. 7 a 8
Good to prime sheep. 7 a 8
Common to medium. 6 a 6½

DRESSED POULTRY.

Receipts are large, appearing to run mostly turkeys, fowls and ducks. Fine chickens not being considered very heavy. Demand is slow and few lots here are as yet suitable to carry over for the holidays. From advices received it looks as if the supply of turkeys would be much larger than had been anticipated. Prices are about steady. Western fowls are in large accumulation, arriving freely, and with a slow demand. Chickens in fair supply and selling slowly. Western ducks plentiful and dull.

Eastern geese steady. Tame squab plenty and slow. Thanksgiving day will occur next Thursday, and bulk of the stock from distant points has been started, while nearby lots will be shipped between now and then. It is very evident that turkeys will be plentiful, Western shipments being very heavy, but it is doubtful if there will be any surplus of really fancy turkeys. We quote:

Spring turkeys, dry-picked, choice, per lb. 13 a 14
" av. best. 11½ a 12½
" scalded, " 10 a 10½
" thin and poor, per lb. 5 a 6
Turkeys, old, average lots. 11 a 12
Spring chickens, Phila., fancy, per lb. 13 a 14
" fair to good. 9 a 12
" West, dry-picked, fancy. 9 a 10
" fair to good. 8 a 8½
" scalded, fancy. 8½ a 9
" fair to good. 8 a 8½
Fowls, State and Penn., good to prime. 8 a 8½
" Western, prime, dry-picked. 8 a 8½
" Southwestern, prime, dry-picked. 8 a 8½
" Western, prime, scalded. 7 a 8
" fair to good. 7 a 8
" and chickens, per lb. 5 a 5½
Old Cocks, Western, per lb. 5½ a 6
Ducks, Eastern, spring, per lb. 12½ a 13
" E. L. spring, per lb. 12½ a 13
" Western, spring, prime, per lb. 8 a 10
" poor. 6 a 7
Geese, Eastern, spring, white, per lb. 14 a 15
" dark. 12 a 13
" Western, prime. 8 a 9
" inferior. 5 a 6
Squabs, choice, large, white, per doz. 2 a 2½
" small and poor, per doz. 1 a 1½

PROVISIONS.

Pork products were in good demand this week, owing to the cold weather, city loins being a trifle easier. Pickled bellies about steady. We quote:

(JOBBER TRADE).

Smoked hams, 10 lbs. average. 9 a 10
" 12 to 14 " " 9 a 9½
" heavy. 8½ a 9
California hams, smoked, light. 7 a 7½
" heavy. 7 a 7½
Smoked bacon, bonedless. 8 a 8½
" (rib in). 8 a 8½
Dried beef cuts. 13 a 15
Smoked beef tongue, per lb. 13 a 14
" boulders. 6 a 6½
Pickled bellies, light. 7½ a 8½
" heavy. 7 a 8
Fresh pork loins, City. 7½ a 8½
" Western. 7½ a 8

FISH.

Cod, heads off. 5 a 7
" heads on. 1 a 1½
Halibut. 12 a 15
Striped bass. 8 a 15
Bluefish. 6 a 8
Eels, skinned. 6 a 8
" skin on. 4 a 5
White perch. 4 a 5
Flounders. 4 a 5
Salmon, Western. 10 a 12½
Smelts, Kennebec. 12½ a 15
" green. 12½ a 15
Lobsters, large. 8 a 14
" medium. 8 a 10
Herrings. 4 a 5
Red snappers. 10 a 10
Mackerel, medium. 10 a 10
" large. 18 a 20
" Spanish. 20 a 25
Shad, rock. 1 00 a 1 25
Scallops. 1 00 a 1 00
Soft crabs. 6 a 8
Porter. 4 a 5
Winkles. 4 a 5
Pinkies. 4 a 5
Sea bass. 12½ a 12½
Blue snappers. 10 a 10
White fish. 10 a 10
Pompano. 20 a 20
Haddock. 5 a 6
King fish. 5 a 8
Clascons. 7 a 8
Prawns. 75 a 90

GAME.

The weather is colder and more favorable for all game. Choice nearby partridges are scarce, but Western birds rarely show desirable quality. We quote:

Woodcock, per pair. 75 a 1 00
Partridges, per pair. 1 00 a 1 25
Grouse, prime, undrawn, per pair. 1 00 a 1 20
" drawn, per pair. 75 a 1 00
Red birds, per doz. 25 a 40
Woodcock, Partridges and Grouse, inferior. 25 a 40
Wild ducks, canvas, per pair. 2 00 a 2 00
" redhead. 1 00 a 1 00
" mallard. 60 a 75
" blue wing teal, per pair. 35 a 40
" green wing teal. 20 a 25
" common, per pair. 14 a 18
Venison, fresh, per lb. 11 a 13
" whole deer, per lb. 11 a 13
English Snipe, per doz. 1 25 a 1 50
Golden plover, per doz. 1 25 a 1 50
Grass Plover, per doz. 1 00 a 1 50
Quail, frozen, prime, per doz. 1 75 a 2 00
" per doz. 1 62 a 1 75
Rabbits, per pair. 25

BUTTER.

Receipts last six days, 26,415 packages; previous six days, 29,203 packages. There is demand enough for high grade fresh creamery to use all the stock arriving which shows quality to satisfy high class trade. For such the market is firm at 23c. Some lots show slight defects, which in a quick market would command very close to the top price. Occasionally sales being made at 21c. and rarely 22c. Accumulations of secondary and lower grades which have been on hand are often cut in price to relatively low figures to force sales, and for such actual values are irregular and uncertain. Fancy Junes are often held at 21c., but the moving price is 20@21c. We quote:

NEW BUTTER.

Creamery, Western, extras, per lb. a 23
" firsts. 19 a 22
" seconds. 17 a 18
" thirds. 14 a 15
" State extras. a 22
" firsts. 19 a 21
" thirds to seconds. 14 a 19
" June make, extras. 20 a 20½
" firsts. 16 a 20
State dairy, half skinned subs, extras. 16 a 18
" firsts. 14 a 15
" seconds. 14 a 15
" thirds. 13 a 14
" fourths. 12 a 13
" fifth. 11 a 12
" sixth. 10 a 11
" seventh. 9 a 10
" eighth. 8 a 9
" ninth. 7 a 8
" tenth. 6 a 7
" eleventh. 5 a 6
" twelfth. 4 a 5
" thirteenth. 3 a 4
" fourteenth. 2 a 3
" fifteenth. 1 a 2
" sixteenth. 10 a 11
" seventeenth. 12 a 13
" eighteenth. 14 a 15
" nineteenth. 16 a 17
" twentieth. 18 a 19
" twenty-first. 20 a 21
" twenty-second. 22 a 23
" twenty-third. 24 a 25
" twenty-fourth. 26 a 27
" twenty-fifth. 28 a 29
" twenty-sixth. 30 a 31
" twenty-seventh. 32 a 33
" twenty-eighth. 34 a 35
" twenty-ninth. 36 a 37
" thirtieth. 38 a 39
" thirty-first. 40 a 41
" thirty-second. 42 a 43
" thirty-third. 44 a 45
" thirty-fourth. 46 a 47
" thirty-fifth. 48 a 49
" thirty-sixth. 50 a 51
" thirty-seventh. 52 a 53
" thirty-eighth. 54 a 55
" thirty-ninth. 56 a 57
" fortieth. 58 a 59
" forty-first. 60 a 61
" forty-second. 62 a 63
" forty-third. 64 a 65
" forty-fourth. 66 a 67
" forty-fifth. 68 a 69
" forty-sixth. 70 a 71
" forty-seventh. 72 a 73
" forty-eighth. 74 a 75
" forty-ninth. 76 a 77
" fiftieth. 78 a 79
" fifty-first. 80 a 81
" fifty-second. 82 a 83
" fifty-third. 84 a 85
" fifty-fourth. 86 a 87
" fifty-fifth. 88 a 89
" fifty-sixth. 90 a 91
" fifty-seventh. 92 a 93
" fifty-eighth. 94 a 95
" fifty-ninth. 96 a 97
" sixtieth. 98 a 99
" sixty-first. 100 a 101
" sixty-second. 102 a 103
" sixty-third. 104 a 105
" sixty-fourth. 106 a 107
" sixty-fifth. 108 a 109
" sixty-sixth. 110 a 111
" sixty-seventh. 112 a 113
" sixty-eighth. 114 a 115
" sixty-ninth. 116 a 117
" seventieth. 118 a 119
" seventy-first. 120 a 121
" seventy-second. 122 a 123
" seventy-third. 124 a 125
" seventy-fourth. 126 a 127
" seventy-fifth. 128 a 129
" seventy-sixth. 130 a 131
" seventy-seventh. 132 a 133
" seventy-eighth. 134 a 135
" seventy-ninth. 136 a 137
" eightieth. 138 a 139
" eighty-first. 140 a 141
" eighty-second. 142 a 143
" eighty-third. 144 a 145
" eighty-fourth. 146 a 147
" eighty-fifth. 148 a 149
" eighty-sixth. 150 a 151
" eighty-seventh. 152 a 153
" eighty-eighth. 154 a 155
" eighty-ninth. 156 a 157
" ninetieth. 158 a 159
" ninety-first. 160 a 161
" ninety-second. 162 a 163
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" ninety-fourth. 166 a 167
" ninety-fifth. 168 a 169
" ninety-sixth. 170 a 171
" ninety-seventh. 172 a 173
" ninety-eighth. 174 a 175
" ninety-ninth. 176 a 177
" hundredth. 178 a 179
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" hundred-second. 182 a 183
" hundred-third. 184 a 185
" hundred-fourth. 186 a 187
" hundred-fifth. 188 a 189
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" hundred-thirty-eighth. 254 a 255
" hundred-thirty-ninth. 256 a 257
" hundred-fortieth. 258 a 259
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" hundred-sixty-ninth. 316 a 317
" hundred-seventieth. 318 a 319
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" hundred-eighty-sixth. 350 a 351
" hundred-eighty-seventh. 352 a 353
" hundred-eighty-eighth. 354 a 355
" hundred-eighty-ninth. 356 a 357
" hundred-ninetieth. 358 a 359
" hundred-ninety-first. 360 a 361
" hundred-ninety-second. 362 a 363
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" hundred-forty-sixth. 470 a 471
" hundred-forty-seventh. 472 a 473
" hundred-forty-eighth. 474 a 475
" hundred-forty-ninth. 476 a 477
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" hundred-fifty-eighth. 494 a 495
" hundred-fifty-ninth. 496 a 497
" hundred-sixtieth. 498 a 499
" hundred-sixty-first. 500 a 501
" hundred-sixty-second. 502 a 503
" hundred-sixty-third. 504 a 505
" hundred-sixty-fourth. 506 a 507
" hundred-sixty-fifth. 508 a 509
" hundred-sixty-sixth. 510 a 511
" hundred-sixty-seventh. 512 a 513
" hundred-sixty-eighth. 514 a 515
" hundred-sixty-ninth. 516 a 517
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WANTED. -- FOR SALE. -- BUSINESS OPPORTUNITIES.

NOTICE.

Advertisements in this column to occupy one inch or less are inserted at the minimum rate of one dollar per insertion (one inch of eight lines or less). Fifteen cents per line for every additional line above eight lines. Double rates for headlines.

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SECOND-HAND
Coils,
Ice Cans,
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Complete
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Apply, H. S. P., care
THE NATIONAL PROVISIONER,
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PRESSES FOR SALE CHEAP

Three Johnson Filter Presses, 36 Plates. 18 inches diameter, and
One Filter Press, 20 Plates, 18 inches square. Will stand 1,000 pounds to the square inch. Also One No. 3 Oleo Press.

JOSEPH LISTER,
1158-1160 Elston Avenue, Chicago.

FOR SALE CHEAP.

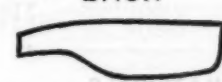
About 75 feet of brass office railing for sale cheap; formerly used by banking house. Address RAIL, care THE NATIONAL PROVISIONER, 284 Pearl street, New York.

FOR SALE OR RENT.

BUTCHER SHOP, \$125; COMPLETE marble fixtures; cost \$650; established 40 years; bargain. 329 Court street, Brooklyn.

BUTLER AND EGG STAND TO LET in first-class butcher store; splendid opportunity. 103 1st ave.

BACK



BELLY

Wanted quotation for cash for about 25,000 k. gr. of salted fat bacon delivered free Amsterdam. 25 chests are required in January as sample, and 75 chests in April if the first supply has been found satisfactory. The same must be prepared without borax, cut with the necks to it (see model) in slices of 10 to 15 k. gr. 5 to 7 cm thick. Consequently the chests would have to be longer than usual. Large sales anticipated. Address 4 K. Z., care of Nijgh & van Ditsmr. Gen'l Advertising Office, Amsterdam.

LIVE & DEAD STOCK, ANIMAL PRODUCTS & GEN' PROVISION AGENTS & DEALERS
(correspondence solicited)

EDWD HEYMANS & FILS (PARIS)
(Established 1872) 19, rue Béranger (FRANCE)

BUTCHER SHOP, OLD-ESTABLISHED business, in first-class running order, with complete outfit, including 4 horses, 3 route wagons, 1 truck; best location on the North side; selling 10 cattle and 50 head small stock weekly; must be sold on account of owner's sickness. For particulars call 841 East 164th st.

BUTCHER SHOP FOR SALE, IN good location, with living apartments; cheap rent. Inquire 207 Bergenline ave., Union Hill, N. J.

BUTCHER SHOP, WELL ESTABLISHED; cheap rent. Inquire 201 Weehawken st., West Hoboken, N. J.

SMALL BUTCHER SHOP, CHEAP; good reason; must be sold immediately; no agents. 286 Lexington ave., Brooklyn.

BUTCHER SHOP TO LET.—Completely furnished. Established 20 years. Call at 429 Hamilton avenue, Brooklyn, N. Y.

BUTCHER SHOP FOR SALE.—Address E. B. R., Box 46, office of this paper, 284-286 Pearl street, New York.

CORNER MEAT MARKET FOR SALE, doing strictly cash business. Address, S. O. E., Box 84, office of this paper, 284-286 Pearl street, New York.

FOR SALE BUTCHER STORE, stock and fixtures; horse, wagon and harness, cheap. Address, X. Y. Z., Box 4, office of this paper, 284-286 Pearl street, New York.

POSITION WANTED.

FIRST-CLASS BEEF BUTCHER wants position. 1711 2d ave., 4th floor.

BUTCHER WISHES SITUATION; good cutter, best references; married man. Badecker, 1165 Broadway, Brooklyn.

GOOD PORK BUTCHER WANTS steady position. Butcher, 78 Little 12th st.

A good butcher, with 12 years' experience, wants a position as manager of branch house or as first assistant; good references. Apply "K," Box 28, office of this paper.

THE LEADING PACKERS IN THIS COUNTRY, IN GREAT BRITAIN AND EUROPE SUBSCRIBE TO THE NATIONAL PROVISIONER. IT IS NOT NECESSARY TO ASK WHY.

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and their representatives desiring to purchase American Packinghouses, Rendering, Soap, Fertilizer Works or Manufacturing Plants of any kind will do well to communicate with G. R., Foreign Department, THE NATIONAL PROVISIONER, 284-286 Pearl Street, New York.

MEAT-CANNING.

A gentleman who is thoroughly familiar with the canning business in all its phases (meats, soups, etc.), erecting of machinery, and has the best of references, is open for a position. Apply P. X., Box 50, THE NATIONAL PROVISIONER, 284-286 Pearl street, New York.

HELP WANTED.

BUTCHER; FIRST-CLASS CUTTER and salesman; no other need apply. Mr. Muncke, Rockville Centre, L. I.

BUTCHER; YOUNG MAN; MUST BE sober and understand the business. 757 Myrtle ave., Brooklyn.

COPENHAGEN, DENMARK.

We want a first-class agent, one familiar with the packing, provision and bacon-curing trades preferred, who will work on commission, introducing this journal in the above city with the view of building up a branch house or agency for Denmark. A weekly market letter to this paper might be included in the arrangement. Address THE NATIONAL PROVISIONER, 284-6 Pearl street, New York.

DIVIDEND NOTICE.

OFFICE OF
THE STILWELL-BIERCE & SMITH-VAILE CO.

Dayton, Ohio, Nov. 15, 1897.

The Board of Directors of this company, at a meeting held this day, declared the twentieth regular quarterly dividend of two (2) per cent on the preferred stock of the company, payable Dec. 1. Dividend checks will be mailed from this office.

Transfer books will close in New York on the 20th inst., and be reopened Dec. 1.
F. H. JONES, Treasurer.

A practical work on Ammonia Refrigeration. Send One Dollar (\$1.00) to THE NATIONAL PROVISIONER, and we will send you one copy of *Rehwood's Theoretical and Practical Ammonia Refrigeration*. 146 pages, cloth bound.

EUROPEAN AGENCIES

American Houses desiring to be represented by good parties in European cities on articles of American manufacture, produce, inventions and finance, will do well to correspond with A. G., Foreign Department, THE NATIONAL PROVISIONER, 284 PEARL STREET, NEW YORK.

FOR SALE:—

BEEF REFRIGERATOR IN SCHENECTADY, N. Y.

Scales, Tracks and Fittings Complete in Every Respect. Stable in connection. Everything in first-class shape. House but one year old.

Address G., Box 214, "THE NATIONAL PROVISIONER," 284-6 Pearl Street, New York City.

BUTCHERS.

The following Mortgages on Butchers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, Nov. 13, 1897. They are a reprint from our National Retail Butchers' Review, 284-286 Pearl Street, New York, sent out to houses on November 15, who subscribe to same.

NEW YORK CITY.

Cohen, G. B., 1071 Park Ave. and 119 E. 90th; to National Loan Association \$125
 Ehrich, L. N., 136 9th Ave.; to F. Liefield 95
 Gordon, Hyman, 154 Stanton; to I. Katz (Bologna Fixtures) 250
 Heyman, Max, 28 2d Ave.; to H. Schindler 40

Bills of Sale.

Adler, Louis, 126 E. 110th; to Henry Adler 300
 Fink, Abraham, 135 E. 110th; to Moses Fink 80
 Klein, Moritz, 77-51 Sheriff; to Schneider Bros. 1
 Michaels, Louis, 167 Forsyth and 26 Rivington; to Pauline Michael 100
 Oshenskey, Fannie, 412 Washington Market; to H. Schwitzer (Poultry Stand) 1
 Rode, P. E., 187 West End Ave.; to M. Volz 300

KINGS COUNTY.

Mulhern, Mary, 37 Benton; to Emma Rothschild 890
 Sigle, B.; to J. Hecht 195
 Webster, H. N., 453 Graham Ave.; to L. & L. Lesser 200

Bills of Sale.

Dietz, Leonhard, 1460 Gates Ave.; to Catharine Dietz 570
 Lesser, L. & L., 453 Graham Ave.; to H. N. Webster 400

HEVERT & WEISBART,

Wholesale Dealers in

VEAL and MUTTON

CORNER HENDERSON & 20th STREETS,
 JERSEY CITY, N. J.

**A. E. MACADAM,
BUTCHERS' ROLL AND FLAT PAPER**

Paper Baza, Twines, Butter Dishes and
 Boxes of every description.

265 GREENE AVE., BROOKLYN.

TELEPHONE 226 BEDFORD.

GROCERS.

The following Mortgages on Grocers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, Nov. 13, 1897. They are a reprint from our National Retail Butchers' Review, 284-286 Pearl Street, New York, sent out to houses on November 15, who subscribe to same.

NEW YORK CITY.

Batkin, Hy., 143 Norfolk; to S. Silverman 350
 Berliner, N., 883 3d Ave.; to M. Schwartz 265
 Burros, Nathan, 227 Clinton; to C. B. C. Lange 70
 Hirschman, Mary, 230 E. 106th; to J. Dakut & Sons 44
 Levy Bros., 569 9th Ave.; to Dumrauf & Wicke 160

Bills of Sale.

Batzing, Philip, 383 Broome; to Justus Batzing 1
 Bernstein, Hy., 1911 3d Ave.; to J. D. Cous 475
 Bremer, F. H.; to H. N. Gerken 225
 Delahunty, Jas., 674 10th Ave.; to Johann Delahunty 1
 Kirvoutz, Moritz, 325 E. 5th; to S. Rothbard 1
 Kiggs, L. C., 152-154 W. 23d; to H. Freund (Restaurant) 16,000
 Riggs, L. C., 180 6th Ave.; to C. Bleyert (Restaurant) 2,000
 Sorge, P. A., 559 Morris Ave.; to Germano & Cupero 465

KINGS COUNTY.

Gerken, W., Myrtle Ave. and Graham St.; to W. S. Houdek 500
 Mehlman, H. A., 347 Hoyt; to F. E. Boehmcke 600

Bills of Sale.

Teitelbaum, M., 188 Harrison Ave.; to J. Zwarling 185

NOTE.—The above information will be furnished in our National Retail Butchers' Review, 284-286 Pearl Street, New York, nearly one week ahead of this publication to all those who may desire to order it. Price, \$2.00 per year, 52 weekly numbers.

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Do you want to purchase a NATIONAL CASH REGISTER AT ONE-HALF ITS VALUE? or EXCHANGE your old Register for a better improved one at a small difference in cash? Bear in mind the goods offered at 124 EAST 14th STREET, NEW YORK, are equal to any shown elsewhere at a much higher price. TWO YEARS' GUARANTEE given with each Register. REPAIRING done at a very reasonable figure. SUPPLIES cheaper than elsewhere.

F. BRAININ.

\$10

THE RED BOOK.

Send C. O. D. by Express, as soon as published, one copy of your book,

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AND VARNISH MANUFACTURE,**

at the price of Ten Dollars per copy.

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THE NATIONAL PROVISIONER PUB. CO.,

284-286 Pearl Street, New York.

Rialto Building, Chicago.

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\$10

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BRETTLER & BERGER,

Manufacturers of

BUTCHERS' FIXTURES

Butter Boxes and Ice Houses

of every description.

676 Flushing Ave., Bet. Tompkins and Throop Aves. Brooklyn, N. Y.
 ALL KINDS OF OFFICE WORK.

OTTO BARTELS,

WHOLESALE DEALER IN

PROVISIONS, FISH, SALT,

7 WALLABOUT MARKET,

Telephone 580 Williamsburgh. BROOKLYN.

The well-known Model Potted Ham our Specialty.

**Good Meat Alone**

is not enough. The butcher who wishes to build up a big trade must have a nicely furnished shop. The man who has

An Up-to-date Shop

will get the up-to-date trade. Customers like to see attractive refrigerators, modern machinery and handy tools.

All Butcher Fixtures

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ON ...

HIDES

SKINS

PELTS

TALLOW

GREASE

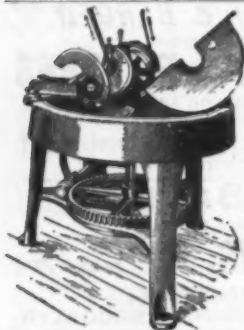
SEND for free copy of our paper. Market Reports each week from Chicago and all leading markets.

Pays to keep posted.

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Hide and Leather,

154 LAKE STREET, CHICAGO.



The '97 Silent Meat Cutter.

Write for Prices.

P. BILLINGHAM & CO.,

TRENTON, N. J.

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THE NATIONAL PROVISIONER**

WRITE US FOR PRICES

ON CARLOAD LOTS OF

Dressed Beef, Mutton, Veal and Hogs,
also Sweet Pickled and Smoked
Meats, Kettle-Rendered Lard,
etc.

We are in the great Iowa cattle and hog
belt and think we can do you some good.

TRI-CITY PACKING & PROVISION CO.

Manufacturers and Jobbers.

DAVENPORT, IOWA.



THE UNION SAUSAGE STUFFER

MADE IN TWO SIZES.
No. 1—35-lb., \$40.00
No. 2—64-lb., 50.00

This Stuffer occu-
pies less room than
any other and is sim-
ple and rapid in
operation.

Send for Descriptive
Circular.

MANUFACTURED BY
**The UNION
Machine Works,**

413 Cherry Street, Philadelphia.

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CHARLES CROLL,

Telephone, 2532 39th St.

Dealer in **Fat and Calfskins,**

Also Pigs, Naval and Prime Beef,

548 W. 40th St. (Bet. 10th & 11th Aves.) NEW YORK.

P. DONAHUE & SON,

Highest Prices Paid for

HIDES, FAT AND SKINS,

658 W. 39th St., New York.

HERMAN BRAND,

Dealer in

Fat, Calfskins, Suet and Bones,

413 East 51st St., New York.

Wagons visit all parts of the city.

LEDERER BROS.,

DEALERS IN

HIDES, SKINS AND TALLOW

667-669 HENDERSON ST.,

Jersey City, N. J.

LEDERER BROS.

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HIDES, SKINS AND TALLOW,

YONKERS, N. Y.

JACOB LEVY

PAYS THE HIGHEST PRICES FOR

Fat, Suet, Calfskins, Hides, Plates & Bones,

799 First Ave., New York City.

78 KENT STREET, 192 THIRD ST.,
Greenpoint, L. I. Mount Vernon.

Wagon calls to all parts of the city, Brooklyn, Westchester
Co., and Yonkers.

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Provision Brokers & Com. Merchants.
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ods of killing, chilling, curing and making
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The name describes it; proof against water, time, climate, and fumes of every description. Stops leaks, and prolongs the life of an old roof.

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This Anti-Rust Japan is also of highest value in protecting Metal Pipes, Smoke Stacks, Boiler Fronts and all Metal Work from rusting.

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All Orders Promptly Attended to.
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Capacity fifty per cent. greater
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Absolutely noiseless as there are no gears.

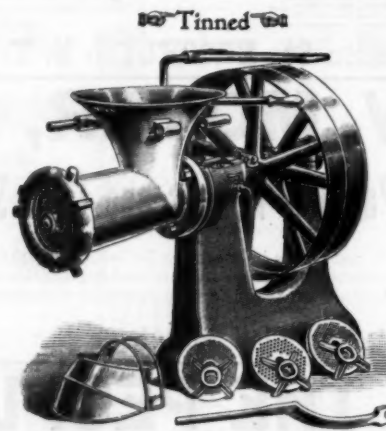
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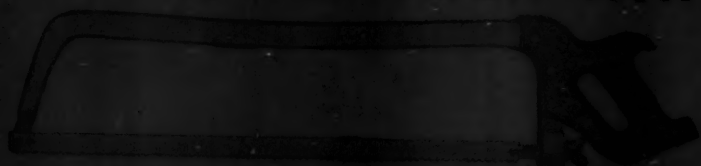
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We also make Star Butcher Saw Frames, of moderate prices, to fit all lengths of blades.

All goods marked with a star, and bearing our name, are fully warranted.

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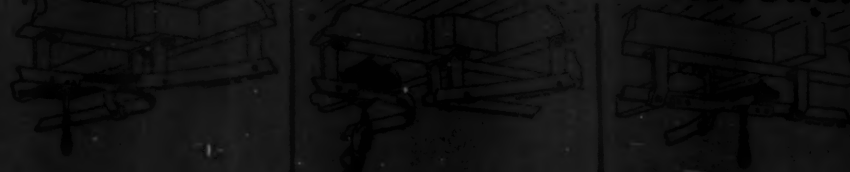
Each blade, polished steel, three double ended.

Length, 14 inches.	14	16	18	20	22	24	26	28	30
Per Dozen	\$11.00	\$12.00	\$13.00	\$14.00	\$15.00	\$16.00	\$17.00	\$18.00	\$19.00

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Length 14 inches.	Width 1 1/2 inches.	Teeth 20	Teeth to inch.	Per doz.	Per Gro.
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16	1 1/2	20	2 1/2	1.25	15.00
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22	1 1/2	20	2 1/2	2.00	22.50
24	1 1/2	20	2 1/2	2.25	25.00
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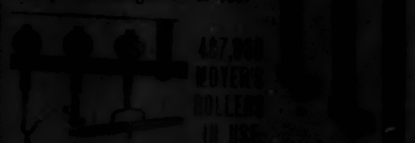
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6,000 HANGERS USED BY LEADING COMPANIES

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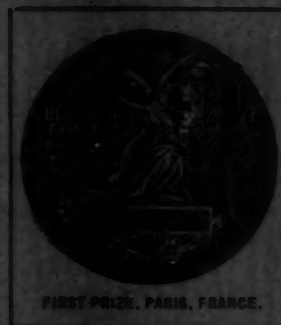
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